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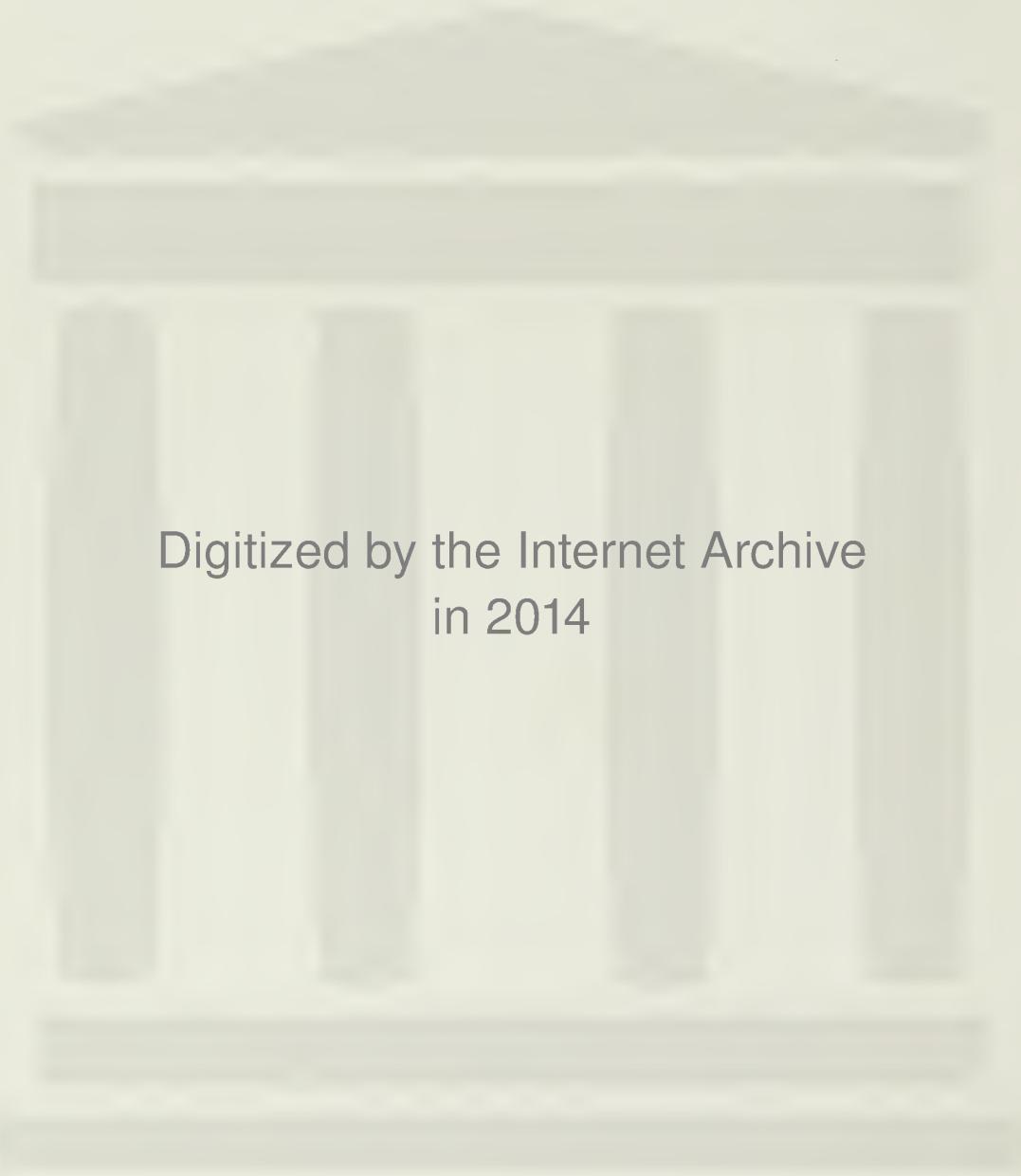


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Massachusetts
Service Delivery Area
Job Market Reports:
The Metro North SDA

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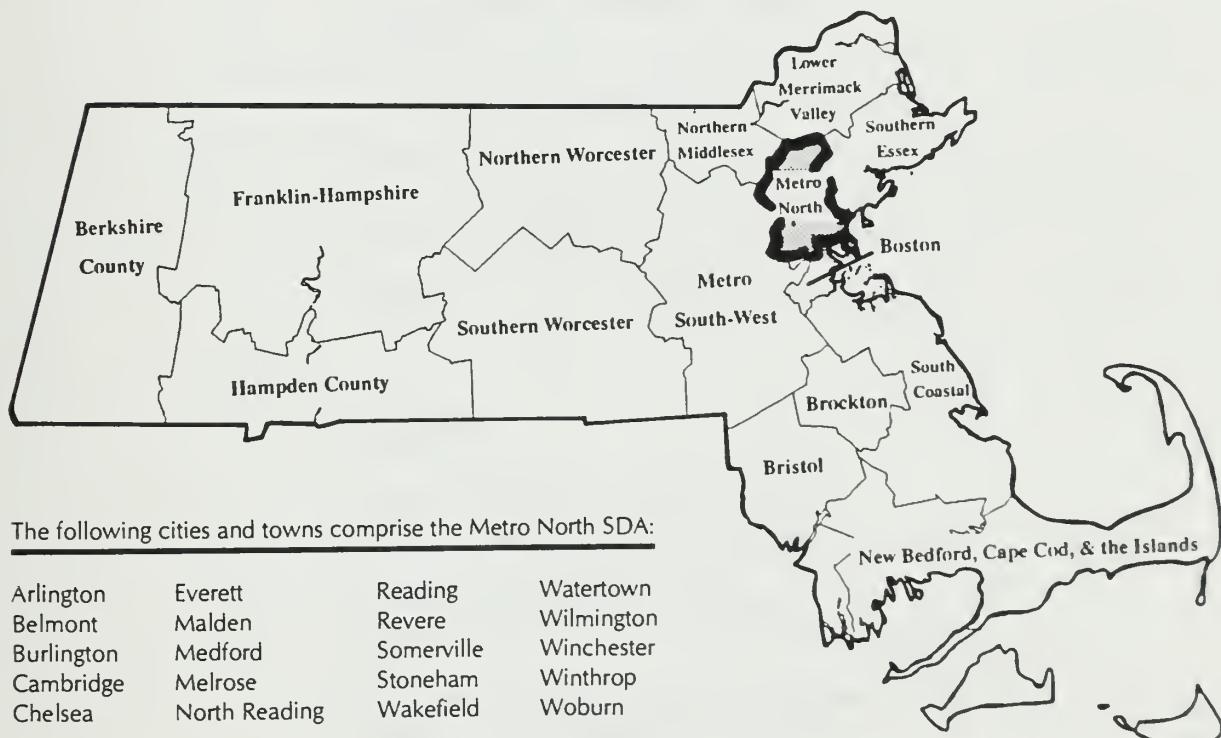
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Massachusetts Service Delivery Area Job Market Reports: **The Metro North SDA**



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Introduction: the SDA Job Market Reports

This report analyzes the economies and job markets of the Commonwealth's 15 Service Delivery Areas between 1984 and 1990. It examines the kind of jobs that local areas generated or lost over the period, the industries that make up the area, the average earnings of workers, the level of unemployment and education in the workforce, and the distribution of jobs by occupation.

This report provides an overview of the emerging economic forces changing the job market. Data on local area population, labor force, employment, unemployment, job growth, wages, and income are included as well as information on how to interpret and use the data.

This report also analyzes the occupational staffing patterns of local economies, publishing for the first time, a detailed occupational employment data base by SDA. Labor leaders, educators, human resource specialists, and Regional Employment Boards can use this data to:

study the geographical movement of jobs and workers within the state to relate the location and number of workers by occupation to demand.

assess and analyze the occupational composition of jobs and skill requirements within areas.

There are 15 Service Delivery Areas in Massachusetts, each profiled in a separate report. Each report, however, contains an overview of the economic growth in all service delivery areas. Refer to the appendix for a listing of the cities and towns comprising a service delivery area.

Service Delivery Areas were established under the provisions of the 1983 federal Job Training Partnership Act, to tailor the Commonwealth's employment and training programs to the needs of citizens in local areas. Some service delivery areas consist of a single county; others are comprised of two or more counties. The Boston Service Delivery Area is the only single-city SDA, while others cross county lines.

plan and design education and training programs

How to Interpret the Job Market and Use the Reports

The 1980 and 1988 population estimates are from the Bureau of the Census. Natural increases are derived from the Massachusetts Department of Public Health's estimates of births and deaths. Net migration estimates are derived by subtracting the total net change in population from the natural increase.

This report is divided into two sections. Section I summarizes the changes in population, employment and unemployment in all 15 Service Delivery Areas, highlighting the geographic concentration of jobs by industry and occupation. Section II profiles the respective service delivery area and presents a detailed series of tables on the area's occupations and industries.

Table A in Section II lists the number of jobs by occupation and provides the percent distribution of the jobs within the area, highlighting the diverse occupational structure of the SDA. Occupations are grouped by skill level to allow comparisons of similar or related occupations.

Table B in Section II lists the industries where jobs are found in major occupations. Finally, Table C presents the number and type of jobs found in major industries in the local economy. Industries are defined in terms of the Standard Industrial Classification (SIC) system. A detailed description of the SIC, including industry definitions is contained in

the *Standard Industrial Classification Manual, 1972* and the *1977 Supplement*.

How to Use the Data

The following sections briefly outline how to interpret and use the data.

Population

Population trends provide a measure of an area's economic stability. If an area has high unemployment and is losing its economic base, a decline in employment usually results in an eventual decrease in population and income. The opposite is generally true in areas with fast growing economies. The more jobs an area generates, the more people move into the area to seek employment. Population growth, however, can occur independently of employment in certain areas, particularly if the region is a retirement community.

Population changes from natural increases, the difference in the number of births and deaths, and migration, are identified in Table I.

Labor Force

The size and characteristics of the labor force determine the number and type of people competing for jobs. Changes in educational requirements, the size of the labor force, and the age structure affect employment opportunities.

Table I lists the total number of persons in the labor force, i.e., those that are either employed or unemployed. This count is residentially-based and includes self-employed and unpaid family workers in addition to wage and salary workers.

Growth vs. Number of Jobs

When assessing an area's economic viability, it is important to distinguish between an area's rate of job creation and the number of jobs generated. Even though an area has a fast rate of job growth it may generate fewer numbers of jobs than slow growing areas. For example, the Brockton Service Delivery Area had the second fastest job growth rate, but generated only 4.7 percent of the Commonwealth's jobs. Many of these jobs were low paying and decreased the area's percentage share of total state wages. By comparison, the city of Boston was the slowest growing area, with job growth averaging 0.7 percent per year. Nevertheless, because of its size it generated 7.6 percent of the state's jobs.

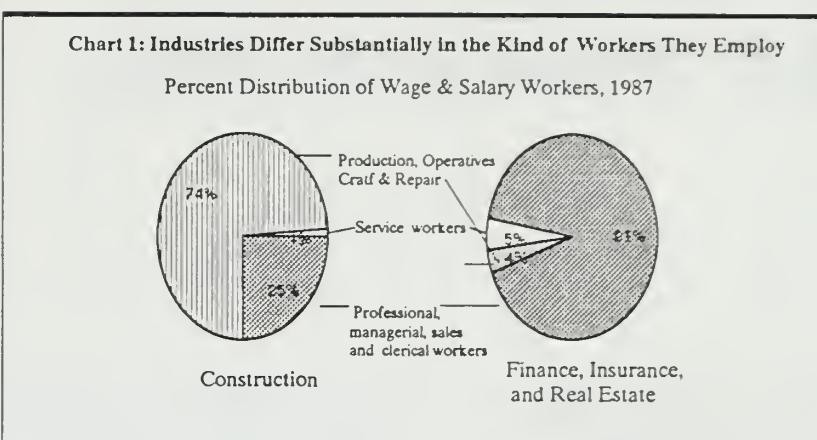
The industry employment data shown in Table 2 is compiled through the Department of Employment and

Training's Employment and Wage program. Employment in this context is the count of all persons on the payroll of establishments subject to the Massachusetts Employment Security Law. Employment data were not adjusted to account for such factors as noneconomic coding changes, Standard Industrial Classification code changes, or changes in the multi-location employer reporting. However, since the data are confined to SDAs and large industries and sectors, comparisons of broad economic trends can be made.

Distribution of Jobs by Industry and Occupation

The number of jobs in an SDA depends in large part on the demand for goods and services produced by the area's industries. The growth or decline of an industry, however, has varying effects on individual occupations because industries employ different types of workers. Growth of manufacturing industries, for example, would tend to increase the employment of engineers, technicians and machine operators. In contrast, growth in the finance, insurance, and real estate industries would likely increase the employment of economists, financial analysts and sales and clerical workers.

The distribution of jobs by occupation in Tables 3, A, B and C is based on 1987 data collected by the Occupational Employment Statistics (OES) program, a Federal-State cooperative program. The OES data show how different industries, and different firms in the same industry employ workers in various skills. Over time the data can provide insights into how jobs are affected by technical advances, foreign competition, and shifts in the demand for goods and services.



Occupational staffing patterns are based on 1987 data. Over the short-term, occupational staffing patterns are not significantly affected by changes in the job market. Over the long-term, however, staffing patterns are affected by changes in technology and the number of new workers.

Occupational staffing pattern data were obtained for all industries, except for workers employed in agriculture, private households and the federal government. The industries covered in these tables thus account for 97 percent of all wage and salary workers.

Average Annual Wages

Average wage data give a comparative measure of how well jobs pay in specific areas and industries. The data, compiled through the Employment and Wage program, approximates an average annual wage by area and industry. It is computed by dividing total wages by the total number of workers employed.

Annual pay data only approximate annual earnings because an individual may not be employed by the same employer all year, or may work for more than one employer. Annual pay is also affected by the ratio of full-time to part-time workers as well as the number of individuals in

high paying and low paying occupations. Industries characterized by high numbers of part-time workers, such as retail trade, show wage levels appreciably below other industries. The opposite effect characterizes industries with low percentages of part-time workers, or industries which typically have heavy overtime work. Average annual wage data may also be influenced by work stoppages, bonus and retroactive pay, and seasonal factors.

Average wages are computed by place of work. Therefore, the earnings of commuters who reside in one area and work in another, are counted in the area of employment.

Per Capita Income

Per capita income data give a comparative measure of the income of people living in the area versus wage data which reflect earnings of workers who are employed in the area but do not live there. It is computed by dividing total personal income, the sum of earned income from all sources, by the population. Total personal income includes wages and salaries, interest, dividends, and rents, social security etc. Data on per capita income is provided for counties only. It is included to give a more comprehensive picture of an area's economic well-being.

Overview: Job Trends in the SDAs

The Massachusetts economy performed well between 1984 and 1988. Job growth averaged 2.4 percent per year and average annual wages rose 31.1 percent to \$24,150. (In terms of 1982-84 constant dollars wages rose 15.2 percent.) Unemployment stood at 3.3 percent, a level so low that some economists believed Massachusetts had reached full employment. In 1989 Massachusetts employment growth leveled off. Unemployment inched up to 4.0 percent, but it still ranked Massachu-

sets with one of the lowest jobless rates of the 11 large states. In 1990, however, the industries that generated the bulk of the jobs--construction, services, retail trade, finance, insurance and real estate--declined. Unemployment was up 50 percent from 1989, averaging 189,000 workers or 6.0 percent. Massachusetts' unemployment rate is now higher than the nation's, averaging 9.2 percent (287,000 unemployed workers) during first quarter 1991.

Much of the employment in Massachusetts is concentrated in relatively few metropolitan areas. During the eighties, however, the state's job growth was diversified, as the city of Boston recorded the slowest growth rate of the 15 SDA's. But what areas generated the most jobs between 1984 and 1989? What areas had fast growing economies, low levels of unemployment, and high wages? What areas lost the most manufacturing jobs during the period? Which recorded the highest rates of unemployment in 1990? The following tables show the trends that highlight the answers to these questions.

Population Growth

Table I identifies the SDAs that increased or decreased in population over the decade. It highlights the factors underlying population changes--the natural increase, or the net difference between the number of births and deaths that occurred

Table 1: Changes in Population, Employment, and Unemployment by Service Delivery Area
(Data based on residential counts)

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
1980 Population ⁽¹⁾	145,110	216,696	443,018	208,324	454,116	226,991	260,893	372,795
1988 Population ⁽¹⁾	138,720	224,420	449,950	225,650	471,300	244,320	279,100	375,180
Natural Increase ⁽²⁾	2,014	6,631	17,123	13,861	18,521	16,186	14,825	11,202
Net Migration ⁽³⁾	(8,404)	1,093	(10,191)	3,465	(1,337)	1,143	3,382	(8,817)
Total Net Change	(6,690)	7,724	6,932	17,326	17,183	17,329	18,207	2,385
1988								
Civilian Workforce	72,490	119,780	216,530	108,550	245,820	142,600	137,570	216,270
Employed	69,330	116,120	209,170	104,800	237,880	137,780	132,040	208,960
Unemployed	3,170	3,670	7,370	3,750	7,940	4,820	5,540	7,310
Unemployment Rate	4.4	3.1	3.4	3.5	3.2	3.4	4.0	3.4
1989								
Civilian Workforce	73,250	121,250	217,710	108,280	247,670	143,600	138,880	220,170
Employed	70,040	116,730	208,650	103,270	237,390	137,170	131,620	211,910
Unemployed	3,210	4,520	9,070	5,020	10,280	6,430	7,260	8,260
Unemployment Rate	4.4	3.7	4.2	4.6	4.2	4.5	5.2	3.8
1990								
Civilian Workforce	74,040	123,530	218,520	107,020	245,550	139,780	136,640	220,380
Employed	69,450	116,940	205,410	99,090	229,430	130,300	126,380	208,360
Unemployed	4,590	6,590	13,120	7,940	16,120	9,480	10,250	12,020
Unemployment Rate	6.2	5.3	6.0	7.4	6.6	6.8	7.5	5.5

(1) Estimates from the Bureau of the Census

(2) Derived from Mass. Dept. of Public Health's estimates of births & deaths

(3) Derived by subtracting total net change from natural increase

between 1980 and 1988; and the net migration, the number of residents that moved in or out of the area.

Statewide Population Growth
 Most of the population growth in Massachusetts from 1980 to 1988 has been entirely driven by natural increases as opposed to increases in the number of people moving into the state. From 1970 to 1980 Massachusetts' population expanded less than one percent; from 1980 to 1989, it grew 3 percent, slightly faster than the last 10 years. This growth, however, is still well below the 8.7 percent national average. Several factors explain Massachusetts' slow population growth.

While births have declined throughout the nation, the decline is more pronounced in Massachusetts. From 1960 to 1985, live births in Massachusetts declined 27 percent while nationally, live births declined 12 percent.



Migration out of Massachusetts has been substantial. From 1970 to 1980, 263,000 people left the state. Although the economy improved in the 1980s, Massachusetts still had a net out-migration of 66,800 people between 1980 and 1988.

Population Growth by SDA

Population changes among the SDAs varied. Population increased in 13 SDAs and declined in two. All SDAs had natural population increases, but only 5 SDAs—New Bedford, Cape Cod and the Islands, Northern Worcester,

Metro North	City of Boston	Metro South/West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
725,993 705,680 15,891 (36,204) (20,313)	562,994 577,830 26,362 (11,526) 14,836	797,325 808,700 28,788 (17,413) 11,375	453,042 467,410 15,854 (1,486) 14,368	212,705 216,640 13,766 (9,831) 3,935	304,053 311,600 13,217 (5,670) 7,547	353,041 393,200 5,213 34,946 40,159	5,737,096 5,889,700 219,454 (66,794) 152,603
396,940 385,960 10,980 2.8	302,660 292,340 10,330 3.4	464,570 454,110 10,470 2.3	248,250 240,640 7,610 3.1	115,820 111,570 4,250 3.7	159,210 152,370 6,830 4.3	207,470 198,270 9,200 4.4	3,155,000 3,052,000 103,000 3.3
399,080 385,830 13,250 3.3	304,160 292,240 11,920 3.9	466,910 454,010 12,900 2.8	250,080 240,570 9,500 3.8	117,250 111,810 5,440 4.6	162,310 153,590 8,720 5.4	209,190 198,130 11,070 5.3	3,180,000 3,053,000 127,000 4.0
397,070 377,300 19,780 5.0	302,530 285,790 16,740 5.5	462,940 443,990 18,960 4.1	250,000 235,230 14,780 5.9	116,820 108,550 8,270 7.1	162,050 148,350 13,700 8.5	209,250 192,340 16,900 8.1	3,166,000 2,977,000 189,000 6.0

Table 2: Job Growth in Service Delivery Areas by Sector, 1984-1989 (*Data based on Number of Jobs in Area*)

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
Avg Annual Percent Change								
Total, all Industries	1.7	2.8	1.9	1.7	3.0	1.8	1.8	1.4
Construction	13.0	10.8	8.5	7.8	7.1	5.1	5.3	5.7
Manufacturing	-3.1	-2.3	-2.8	-3.3	-1.0	-2.6	-2.1	-3.6
Communications/Utilities	3.9	2.6	4.2	2.7	3.8	8.2	2.2	4.7
Wholesale Trade	-4.3	8.8	1.7	9.6	5.5	8.8	2.7	3.8
Retail Trade	2.7	4.5	3.0	3.3	3.6	2.1	2.7	1.1
Banks, Ins. & Real Estate	0.3	8.7	3.2	5.1	6.0	5.6	3.5	5.2
Services	4.5	4.5	4.0	5.6	5.3	6.9	5.6	4.8
Government	1.8	1.0	2.2	2.2	2.2	2.0	3.5	2.2
Net Change, 1984-1989								
Total, all Industries	5,000	10,380	18,070	6,510	30,680	8,420	9,980	11,100
Construction	1,770	1,420	2,530	1,030	2,430	840	940	1,520
Manufacturing	(2,480)	(1,670)	(6,550)	(4,130)	(2,650)	(4,850)	(4,750)	(6,700)
Communications/Utilities	320	300	1,640	330	1,630	1,280	420	1,010
Wholesale Trade	(450)	850	740	1,190	3,330	1,450	710	1,370
Retail Trade	1,690	3,300	5,710	2,190	6,880	1,770	2,330	2,170
Banks, Ins. & Real Estate	20	990	2,060	560	3,470	770	790	1,620
Services	3,550	4,150	8,590	3,810	12,560	5,750	6,750	8,150
Government	530	820	3,100	1,300	2,520	1,120	2,470	2,050
Percent Change, 1984-1989								
Total, all Industries	8.6	14.6	9.7	9.0	16.0	9.0	8.8	7.5
Construction	81.6	62.7	46.9	37.0	34.8	24.4	25.9	30.2
Manufacturing	-14.7	-11.0	-13.3	-15.4	-5.0	-12.4	-10.6	-17.0
Communications/Utilities	20.4	13.8	22.6	13.2	20.2	40.5	10.0	25.5
Wholesale Trade	-22.4	51.0	7.7	56.7	30.2	50.8	14.1	20.7
Retail Trade	13.8	24.3	16.1	17.6	19.4	10.9	14.1	5.7
Banks, Ins. & Real Estate	1.0	47.8	16.9	27.3	32.7	28.0	18.5	28.7
Services	24.2	24.3	21.6	30.8	29.3	39.1	31.1	26.3
Government	9.4	5.0	11.7	11.6	11.2	10.5	18.6	11.6

Lower Merrimack Valley, Northern Middlesex, and Franklin-Hampshire--had net in-migration.

Table 1 shows that New Bedford, Cape Cod and the Islands gained the most population over the decade, while Metro North and Berkshire County lost population. There are a number of reasons for population changes. One is that people move out of areas with weak job markets to where the jobs are. In Berkshire County and Metro North, job growth underperformed that of the state. But in New Bedford, Cape Cod and the Islands population growth primarily resulted from 34,946 people moving into the area. The area's economic boom, quality of life, and lower cost of living attracted them

to seek employment or retire. The characteristics of this SDA therefore make economic analysis of the employment growth to population growth relationship more difficult.

A Note on Population Counts

At the time of this writing, 1990 Census data were not available. Some preliminary figures have since become available, showing a faster rate of growth between 1980 and 1990. Differences in the statewide rate of growth from 1980-1988 and 1980-1990, appear to be less than two tenths of a percentage point on an annualized basis. On an SDA basis, differences in the rate of change between the two figures appear to be most significant for only Bristol, Franklin-Hampshire, Metro North,

and Southern Worcester. However, population counts for 1990 are preliminary and are subject to possible correction for undercounts or overcounts. The U.S. Department of Commerce is considering whether to correct these counts and will publish corrected ones if any, no later than July 15, 1991.

Labor Force and Employment

Table 1 also identifies the areas with the largest labor force and the most employment in 1988, 1989, and 1990. Some significant differences exist in the concept of employment. Because interurban commuting outside of many service delivery areas is common, residential and business growth often diverge. The data in table 1 are

Metro North	City of Boston	Metro South-West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
1.3	0.7	2.0	3.3	3.0	2.1	2.3	1.8
5.7	3.1	5.2	8.1	6.6	11.8	6.4	6.1
-3.6	-7.0	-2.1	-5.4	-3.6	-3.1	-4.8	-3.6
4.7	-2.3	1.5	5.8	3.0	2.4	2.0	1.0
3.9	-4.7	6.4	4.8	10.2	8.5	7.0	3.9
1.1	-1.5	1.8	2.2	4.8	5.0	3.0	2.1
5.2	1.4	4.4	10.9	6.0	4.6	4.4	4.1
4.8	3.0	5.0	6.7	5.1	4.7	5.7	4.4
1.0	2.7	1.0	1.0	0.8	3.8	2.5	2.0
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22,560	19,680	46,060	27,780	12,180	13,230	17,200	258,190
3,110	1,670	3,980	3,630	1,150	2,280	1,990	30,430
(26,530)	(14,220)	(14,230)	(6,860)	(2,610)	(7,060)	(6,450)	(112,440)
(1,120)	(4,140)	1,030	1,760	670	420	660	5,680
8,920	(5,630)	10,770	2,120	2,390	2,600	1,540	31,580
4,980	(4,610)	7,030	4,950	4,660	6,270	5,970	55,930
6,950	5,110	4,680	7,960	960	1,110	1,310	38,730
24,380	29,040	29,960	12,490	4,190	4,880	9,310	167,370
1,540	12,370	2,460	900	490	2,580	2,410	36,540
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6.5	3.7	10.2	17.7	16.1	11.1	12.1	9.2
23.8	15.6	25.7	43.7	35.2	67.0	31.6	31.6
-32.6	30.4	-10.3)	-24.6)	-17.0	-14.8)	-21.8)	-16.7)
8.4	-11.1	7.1	31.5	14.8	12.2	10.0	4.8
40.9	-21.8	35.7	26.4	60.6	48.2	39.8	21.0
8.2	-7.3	9.1	11.5	26.5	27.1	15.8	11.1
57.7	6.9	23.8	65.8	33.7	25.0	23.2	22.1
21.3	15.6	27.7	38.2	28.3	26.0	32.0	23.7
5.3	14.2	5.2	4.9	3.8	20.2	12.9	10.4

residentially based, so heavily populated areas usually have the largest labor force and employment. The data in tables 2, 3, and 4 are employer based. These tables represent employment changes in business establishments within an area.

Massachusetts' civilian labor force grew by 10.9 percent or by 313,000 between 1980 and 1989. Women accounted for 80.2 percent of the increase. Hurt by slow population growth, Massachusetts' labor force growth lagged behind the 15.8 percent national average growth rate recorded for the same period. In 1990, however, the Massachusetts labor force declined marginally to 3,166,000, a loss of 14,000 workers from 1989.

Over half of Massachusetts' labor force resided in 5 SDAs and more than a third lived in just three of these SDAs--Metro South-West, Metro North, and the City of Boston.

Metro South-West, the area bounded by Route 128 and Interstate 495, has the largest and most educated labor force in the state. In 1990 it accounted for approximately 15 percent of the state's labor force and employment. Metro North and the City of Boston, the second and third largest SDAs in terms of population and employment, accounted for 12.6 and 9.6 percent of Massachusetts employment, respectively.

South Coastal and Southern Worcester, the fourth and fifth largest SDAs,

each accounted for about 8 percent of Massachusetts' employment. Berkshire County, the state's smallest SDA in terms of population, labor force, and employment had only 2.3 percent of the state's employment.

Unemployment

Table I also shows the distribution of unemployment and the jobless rates among the 15 SDAs. Bristol, New Bedford, Cape Cod and the Islands, and Lower Merrimack Valley, areas with nondiversified economies, had among the highest rates of unemployment in the state in 1988, 1989, and 1990. In 1990, Bristol's and New Bedford, Cape Cod and the Island's jobless rate topped 8.0 percent. Despite problems in its high technology industries, Metro South-

Table 3: Distribution of Jobs in Service Delivery Areas by Industry & Occupation

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
Industrial Distribution								
Total Jobs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Construction	5.9	4.5	3.9	4.8	4.2	4.2	3.7	4.1
Manufacturing	22.9	16.6	20.8	29.0	22.8	33.8	32.4	20.4
Communications/Utilities	3.0	3.0	4.4	3.5	4.4	4.4	3.7	3.1
Wholesale Trade	2.5	3.1	5.0	4.2	6.5	4.2	4.7	5.0
Retail Trade	22.2	20.7	20.2	18.5	19.0	17.7	15.3	25.2
Banks, Ins. & Real Estate	4.0	3.8	7.0	3.3	6.3	3.4	4.1	4.5
Services	28.9	26.0	23.6	20.4	24.9	20.1	23.0	24.5
Government	9.9	21.2	14.5	15.9	11.3	11.5	12.7	12.3
Occupational Distribution								
Total, all Occupations	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial & Executive	8.8	8.7	7.7	8.6	8.6	9.0	8.0	8.6
Prof. & Technical	19.9	21.8	16.7	14.8	18.9	23.3	20.7	16.6
Marketing & Sales	12.0	10.6	13.7	11.5	12.6	13.1	9.8	14.0
Clerical & Administrative	14.8	15.2	17.3	15.3	18.0	16.8	16.6	16.6
Service	16.9	17.9	15.6	13.3	15.0	12.4	13.9	17.5
Prod, Const Wkrs/Operators	27.7	25.8	29.0	36.5	26.9	25.4	30.9	26.8

West continues to have the lowest unemployment rate in Massachusetts, helped along by a low population growth rate, about half that of the state.

Job Growth

Table 2 details the economic growth within each SDA over the 1984-1989 period. It identifies the average yearly change in industry employment levels among the SDAs, the number of jobs generated or lost by each industry over the 5 year period, and the percent change in industry employment levels between 1984 and 1989.

It is important to note that annual 1990 SDA job data are not available at the time of this writing. However, statewide job losses for 1990 totalled 125,700, the highest ever recorded. This downward trend is expected to continue well into 1991.

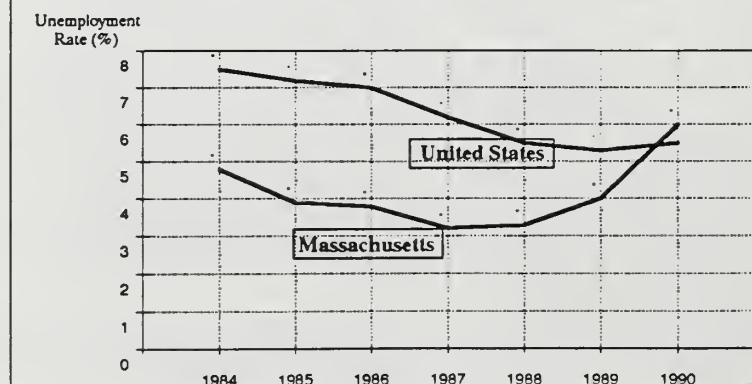
Metro South-West generated over 46,000 jobs, the most of any SDA between 1984 and 1989. South-

ern Worcester generated 30,680 jobs, the second largest number. This is significant because Southern Worcester is only one-half the size of Metro South-West, in terms of total number of jobs. South Coastal, benefiting from the expansion of office employment and its proximity to Boston, generated 22,560 jobs, the third largest number of jobs and the fastest rate of growth at 17.7 percent. In total, these three SDAs accounted for over 38 percent of the

Commonwealth's jobs between 1984 and 1989. Boston, the state's capital and largest SDA, generated 19,675 jobs, less than half the number Metro South-West created. Job growth averaged 0.7 percent per year in Boston, the lowest of Massachusetts' SDAs.

Service industries generated the bulk of the SDAs' jobs over the period. Only in Brockton and Bristol, areas

Chart 2: Unemployment rates decreased between 1984 and 1987 in Massachusetts , while they continued to fall in the US until 1989.



Metro North	City of Boston	Metro South-West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4.4	2.2	3.9	6.4	5.0	4.3	5.2	4.2
14.9	5.9	24.7	11.3	14.4	30.6	14.6	18.3
3.3	6.0	3.1	4.0	5.9	2.9	4.6	4.1
8.3	3.7	8.2	5.5	7.2	6.0	3.4	6.0
17.8	10.7	16.8	26.0	25.3	22.1	27.6	18.4
5.1	14.4	4.9	10.8	4.3	4.2	4.4	7.0
37.5	39.0	27.7	24.4	21.6	17.8	24.2	28.6
8.2	18.0	9.9	10.3	15.4	11.5	13.3	12.8
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.4	9.6	9.2	9.0	7.9	7.5	8.8	8.4
21.4	25.9	23.0	16.3	16.1	14.4	15.3	22.2
12.6	9.6	12.7	15.4	13.6	12.6	13.6	11.7
19.9	24.3	18.1	20.0	18.9	15.9	15.7	18.7
14.3	16.9	14.2	16.1	15.4	14.6	19.5	16.0
22.4	13.7	22.8	23.2	28.2	35.5	27.1	23.0

with high concentrations of retail trade industries, did the retail trade sector generate more jobs than service industries.

The mix of service industries within each SDA varies. Boston, Metro South-West, and Metro North have the highest concentrations of high technology service industries in the Commonwealth. In these 3 SDAs, annual service industry wages approximated \$27,000, significantly higher than other SDA's (see table 4). For example, Bristol, Northern Worcester, and Franklin-Hampshire, with smaller concentrations of business service industries, have average annual service industry wages that are only 66 percent of Boston, Metro South-West and Metro North.

The plight of the state's manufacturing sector is also very visible in table 2. Manufacturing employment declined in every SDA over the 1984-1989 period. However, the biggest losses of manufacturing jobs have been in Metro North which lost 26,530 jobs; Metro South-West which

lost 14,230 jobs; and the City of Boston which lost 14,220 jobs.

Job Distribution by Industry and Occupation

Table 3 shows the distribution of jobs by industry sector and occupational group in the state's 15 SDAs. These tables highlight the geographic differences in the structure of each local area's economy and job market. In the city of Boston, for example, fewer than 6 percent of the jobs are in manufacturing industries. In contrast, almost a quarter of the jobs in Metro South-West and over a third of the jobs in Northern Middlesex are in manufacturing.

The mix of industries and the structure of an area's economy directly influences the number and types of jobs found within the SDA. The distribution of jobs in major occupational categories in table 3 illustrates this point. In Berkshire County, for example, approximately 23 percent of the workforce is employed in manufacturing industries, compared to 18

percent statewide. Because an above average number of manufacturing jobs are concentrated in Berkshire County, a greater percentage of the workforce has jobs in production, construction and operating occupations than statewide (28% vs 23%). Similarly, because Berkshire County is not a major banking and insurance center, approximately 15 percent of the SDA's workers have office jobs in clerical occupations, compared to 19 percent statewide.

The distribution of jobs by occupation is based on 1987 data, collected from the Occupational Employment Statistics Survey. Changes in industry structure since 1987 do not significantly affect an area's occupational staffing patterns. Over the long term, however, occupational staffing patterns do change with the advances of technology and supply of new workers.

When reviewing the data in table 3 and tables A, B and C of this report it is important to remember that labor markets for a particular occu-

Table 4: 1989 Average Annual Wages by SDA and Industry

	Berkshire County	Franklin Hampshire	Hampden County	Northern Worcester	Southern Worcester	Northern Middlesex	Lower Merrimack	Southern Essex
Total, all Industries	\$21,736	\$20,253	\$21,683	\$21,486	\$23,002	\$26,241	\$24,017	\$22,964
Construction	25,773	24,628	28,663	25,645	27,444	27,341	28,270	27,525
Manufacturing	31,263	25,813	27,554	27,630	30,368	35,339	29,746	33,533
Communications/Utilities	22,544	25,654	26,317	21,110	28,219	22,459	29,672	25,602
Wholesale Trade	27,853	23,947	26,759	26,563	27,727	31,911	32,433	31,899
Retail Trade	12,158	11,282	12,045	12,015	12,432	13,433	12,554	12,916
Banks, Ins. & Real Estate	25,548	20,241	26,010	21,010	25,847	25,222	22,964	25,008
Services	19,090	18,778	19,635	18,139	19,872	21,959	20,740	19,862

pation may cover areas wider than those defined by the SDAs. Many professional occupations, for example, have national labor markets.

Average Annual Wages

Table 4 lists the average annual wage in each SDA by industry sector. The average industry wage gives a comparative measure of the industry's pay scale. Compiled through the Employment and Wages program, the data approximates an average annual wage for all workers in the

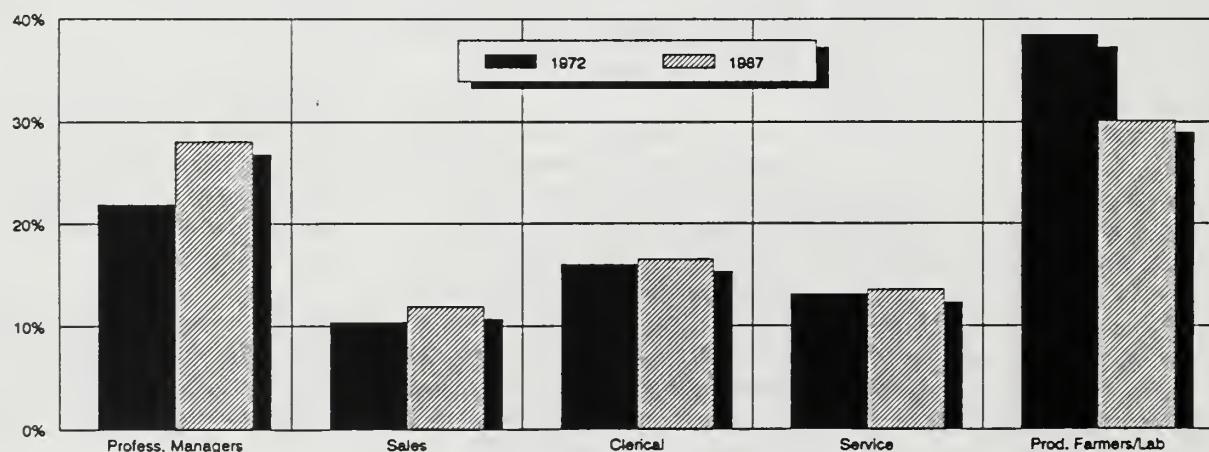
industry. It is computed by dividing the total industry wages by the total number of workers, regardless of part-time or seasonal status.

Given the concentration of banks, law firms, insurance and real estate companies, and high tech industries in Boston, wages here are the highest in the state (\$29,810), followed by Metro South-West (\$28,685), and Metro North (\$26,644). The high concentration of seasonal jobs in New Bedford, Cape Cod and the

Islands contributed to this SDA's reporting the lowest wages in the state (\$19,210).

Wages vary within sectors, depending upon the mix of industries located within the SDA. Given the concentration of computer firms in Metro South-West and Northern Middlesex, for example, the manufacturing wages reported in each of these areas are the highest in the state. In contrast, given the concentration of the low paying apparel

Chart 3: The percentage share of employment in the US is rising the fastest in occupational groups requiring the most education and decreasing in occupations requiring less education



Metro North	City of Boston	Metro South-West	South Coastal	Brockton	Bristol	New Bedford Cape & Islands	State of Massachusetts
\$26,644	\$29,810	\$28,527	\$22,685	\$22,568	\$20,306	\$19,210	\$25,220
31,948	35,439	31,775	30,861	29,601	25,010	24,454	29,554
31,688	31,345	36,854	27,016	24,625	23,443	22,333	30,926
30,025	36,196	29,273	31,008	27,067	27,156	25,486	29,889
34,402	34,227	38,408	30,622	29,729	26,733	23,015	32,779
14,747	15,128	15,683	14,238	14,687	12,151	12,743	13,775
26,747	41,550	27,903	26,185	23,572	19,493	22,079	31,525
27,332	27,678	26,609	20,528	20,162	17,916	18,465	24,010

and needle trade industries in Bristol and New Bedford, manufacturing wages here are the lowest in the state.

The same can be said of service industry wages. The city of Boston and Metro North have the highest paying service industries in the state. The average worker employed in Boston's service industries earned \$27,678 in 1989, the highest in the state. Similarly, due to the concentration of high paying engineering, management and research firms in the service industries in Metro North, the area is the only SDA where the average service wage is higher than the average for all wages (\$27,332 vs. \$26,644).

Education's Importance

With the economy currently restructuring, occupational growth will certainly be affected, since each industry requires a different mix of occupations to produce its goods and services. An analysis of the kinds of jobs generated in the United States between 1972 and 1987 shows that, in general, employment increased the fastest in occupational groups requiring the most education and decreased in occupations requiring less education. In 1972 managerial, executive and administrative occupations were 8.9 percent of all jobs. By 1987, their share increased 2.9 percentage points to 11.8

percent. In contrast, the share of low skilled occupations such as operators, fabricators, and laborers decreased 6 percentage points. In 1972 they were 21.2 percent of all jobs--the largest occupational share--but by 1987 they were only 15.2 percent of all jobs. These trends are expected to continue in the 1990s.

Education and Jobs in Massachusetts

Despite Massachusetts' recent downturn in employment , the educational requirements in the emerging job market will continue to be more heavily geared toward those jobs requiring either college or post secondary training.

The Metro North Service Delivery Area

Economic Overview

In terms of employment, Metro North is the state's second largest SDA. Its diverse economic base includes high tech manufacturing, numerous private research and development firms and two of the Commonwealth's largest and most prestigious universities engaged in state-of-the-art research. It accounts for 12 percent of the state's jobs and 12.8 percent of Massachusetts total wages.

Despite an impressive array of industries, Metro North's economy grew sluggishly during the latter half of the 1980s as declines in manufacturing deeply hindered the area's overall economic performance. Between 1984 and 1989, employment grew 6.5 percent or 1.3 percent per year, ranking the SDA with the second lowest rate of job growth among the state's 15 SDAs. Nevertheless, Metro North generated 22,560 jobs or 8.7 percent of the jobs in the state. Employment levelled off in 1989 and declined substantially in 1990.

Service industries are often stereotyped as low-productivity, low-wage industries. From 1984 to 1989, Metro North's service industries created the most new jobs of any major sector; however, wages

did not fall as a percentage of total statewide wages because Metro North's service industries consists mainly of advanced technology jobs, paying relatively high wages. Growth in the number of jobs in Metro North's high paying engineering, research and computer software firms, for example, helped offset the wages lost in manufacturing.

Although Metro North's white-collar service industries employ the largest number of workers, the number of jobs in production, construction, repair, assembly, and machining occupations exceeds the number of jobs in professional and technical occupations. Clerical and administrative occupations account for the third largest category, about 19.9 percent of total employment.

Economic Base

Metro North's high technology products and services and concentration of colleges and universities play an important role in helping to transform the state and U.S. from a mass producing economy to an information-based economy. The share of total employment captured by Metro North's high tech

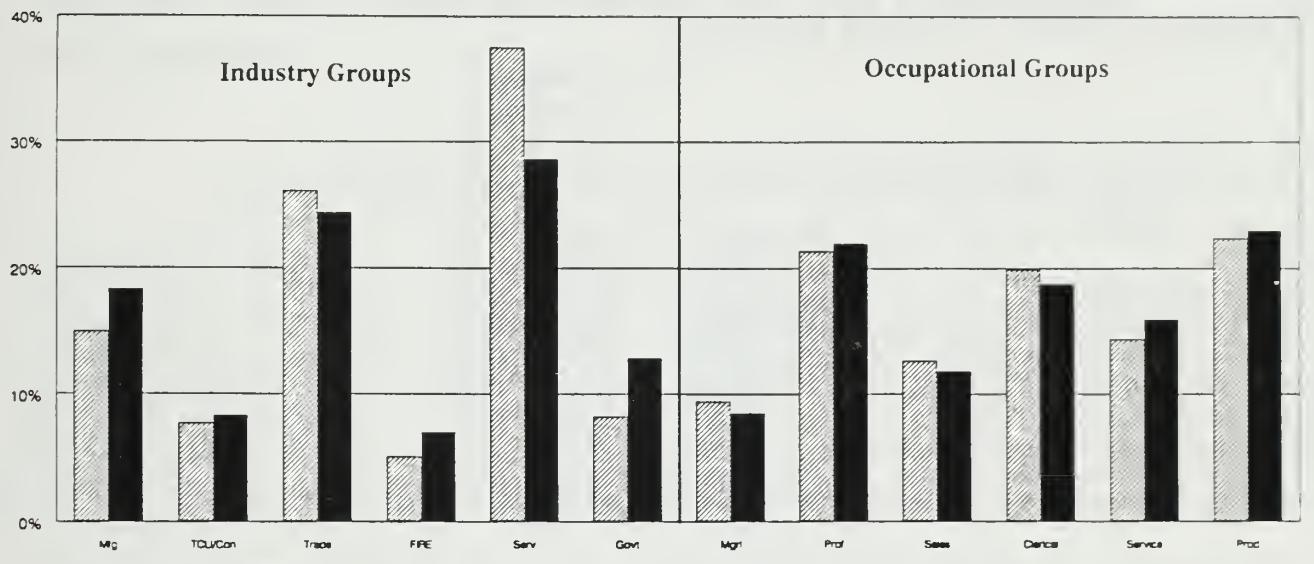
industries is 1.3 times the state average (14.1% vs. 10.8). Its high tech service industries in engineering and architecture, research and testing, and computer and data processing alone comprise 28 percent of statewide employment in high tech services and 7.5 percent of Metro North's total employment.

Definition of Area

The Metro North SDA, just north of Boston, consists of inner-city urban areas, bedroom communities, and large suburban industrial parks on Route 128, the high technology region of the state. The 20 cities and towns comprising the area are diverse, yet the world-renown city of Cambridge, where Harvard University and the Massachusetts Institute of Technology are located, is the mainstay of the service delivery area.

Distribution of Employment by Industry and Occupation

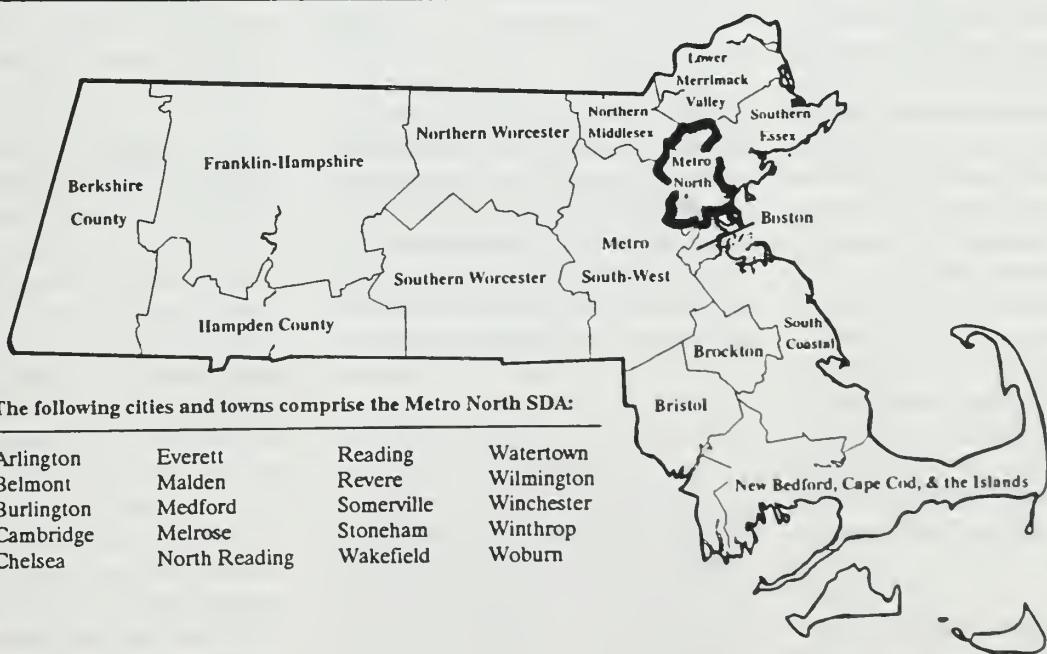
Metro North
State Average



Metro North's impressive concentration of engineering, research and computer software firms is directly related to the presence of Harvard University and the Massachusetts Institute of Technology within the SDA. These institutions, including Tufts University and Lesley College, provide the area with talented teachers, scientists,

engineers, mathematicians, and other researchers; and foster business development in high tech areas. Graduates from these institutions often become the SDA's new entrepreneurs and often start their own technology-based companies. Other firms want to locate there to have ready access to this intellectual community.

Metro North's economy is diverse, but its service industries account for a far greater share of the employment base in Metro North than in Massachusetts (41.3% vs 34.1%). Service industries encompass a wide range of economic activities such as business, health, education, recreation, and management consulting. How diverse are Metro



Employment in Major Groups

		Percent Distribution	
	Employment	SDA	State Average
(Note employment levels exclude federal government, private households and agricultural workers)			
Total, all Occupations	363,100	100.0	100.0
Prod/Constr & Operators	81,365	22.4	23.0
Professional & Technical	77,660	21.4	22.0
Clerical & Administrative	72,310	19.9	18.7
Service Occupations	51,890	14.3	15.9
Sales Occupations	45,875	12.6	11.8
Managerial & Executive	34,000	9.4	8.5

North's service industries and how prone are they to business cycles?

Health and educational services, including public and private institutions, comprise the largest service industries in Metro North and Massachusetts. Together they account for 50.3 percent of service industry employment in Massachusetts and 46.9 percent in Metro North. In Metro North, however, educational institutions account for more employment than health service enterprises (26.3% vs 20.6%) whereas in Massachusetts, hospitals and other health institutions account for a greater percentage of services employment than educational institutions (27.5% vs 22.8%). Metro North's greater concentration of employment in educational services stems primarily from the colleges and universities located in the area. They comprise 16.5 percent of Metro North's services compared to only 9 percent in Massachusetts. The different concentrations of employment in these two major service industries highlight the dissimilarity between the SDA and the state, and the components of demand.

Business and engineering services are the third and fourth largest service industries, respectively in the state and

SDA. In Metro North, however, they account for a far greater share of services employment than in Massachusetts (35.7% vs 25.0%).

The slowdown of the Massachusetts economy and U.S. economy has a negative effect on the demand for services, both directly and indirectly. Slower growth in profits and disposable income will mean slower growth in business and consumer spending on advertising, management consulting, and amusement and recreational activities. Metro North information industries are also affected to a certain extent by business cycles. Reductions in defense spending, for example, could hurt some of the region's research and development firms if they are not very diversified. However, given, the strong representation of business and research and development firms in the area, as well as the presence of Harvard University and MIT, Metro North's service sector is likely to suffer less from severe business downturns.

Retail trade industries employ the third largest number of workers (65,820) in Metro North but comprise a slightly smaller share of total employment in the SDA than in the state (17.8% vs 18.4%). Retail trade was one of the

fastest growing sectors of Massachusetts' and Metro North's economy over the decade. However, Metro North's retail trade employment grew more slowly than the state's (8.2% vs 11%) and faces challenges in the next decade posed by a declining population and labor force. The distribution of Metro North's retail trade employment is similar to the state's except that eating and drinking places comprise a smaller percentage of total employment in Metro North than in Massachusetts. In 1990, retail trade employment dropped sharply in both Massachusetts and Metro North.

Manufacturing employs the third largest number of workers in Metro North (54,910), but comprises a smaller percentage share of total employment in the SDA than in the state (14.9 vs 18.3%). Metro North's manufacturing is highly concentrated in high tech industries such as electronic components and accessories, guided missiles, medical instruments, search and navigational equipment, measuring and controlling devices, cameras, film and other high definition photographic equipment. In total, high tech manufacturing accounts for approximately 44 percent of Metro North's manufacturing compared to 39.3 percent in Massachusetts.

Top Ten Occupations and Industries with the Largest Employment

Top Ten Occupations

Retail Trade Sales Representatives	13,045
General Managers & Top Executives	19,920
Secretaries	12,415
Cashiers	9,025
Janitors and Cleaners	8,535
Bookkeepers & Auditing Clerks	7,580
General Office Clerks	7,070
Security Guards	5,875
Waiters & Waitresses	5,785
Registered Nurses	5,420

Top Ten Industries

Colleges and Universities	25,120
Eating & Drinking Places	17,630
Hospitals, public & private	18,040
Elementary & Secondary School, public & private	13,890
Local Govt., exc Hospitals & Schools	11,200
Computer & Data Processing Services	10,760
Research & Testing Services	10,000
Grocery Stores	9,940
Electronic Components & Accessories	8,410
Professional & Commercial Equipment, Wholesale	7,090

The SDA's high tech manufacturing differs from the statewide pattern in that the computer industry plays a minor role in the industrial base while electronic components, instruments, and guided missiles play a relatively more important role. Because of the relative importance of electronic components and accessories processing and assembly plants, Metro North's manufacturing wages trail the Metro South/West, Northern Middlesex and Southern Essex Service delivery areas.

Metro North lost 32 percent of its manufacturing employment, or 26,530 jobs, between 1984 and 1989, the largest number of lost manufacturing jobs in the state. These occurred in nearly every industry, with the high technology industries such as electronic components and accessories, instruments and industrial machinery bearing the brunt of the loss due to the reductions in defense spending, rise foreign imports and the slowdown in new investments in capital and equipment.

Occupational Composition

At the broad category level, Metro North's distribution of employment by occupation is very similar to statewide staffing patterns. Jobs in production, construction, repair, and machining

occupations account for the most jobs (81,365) or 22.4 percent, approximately the same percentage as in the state. In both economies, professional and technical workers comprise the second largest number of workers, accounting for 21.4 percent of Metro North's total employment and 22 percent of Massachusetts' employment. Clerical and administrative workers rank third, having 19.9 percent of the jobs in Metro North and 18.7 percent of Massachusetts' jobs.

Jobs in service, sales, and managerial and executive occupations account for 14.3 percent, 12 percent, and 9.4 percent, respectively, of Metro North's jobs. This compares similarly to Massachusetts breakdown, where 15.9 percent of the jobs are in service occupations, 11.8 percent in sales, and 8.5 percent in managerial occupations.

Employment in Major Groups

The following sections summarize the employment in occupations with the largest number of jobs within each category. Comparisons made between the state and the SDA identify the major differences in the occupational concentration of employment.

Managerial Occupations

Managers and executives held 34,000 jobs or 9.4 percent of the jobs in Metro North. Statewide, managers and executives held a smaller share of jobs (8.5%). About 31 percent of Metro North's managers are managers of finance, personnel, purchasing, marketing, administrative services and engineering. Middle managers in education, manufacturing, communications, construction, health services, and food service and lodgings comprise another 15 percent of Metro North's management employment. General managers and top executives, however, whose responsibilities are too diverse and general in nature to be classified in any functional or line area of management, however, account for the largest number of jobs (38%).

Professional and Technical Occupations

Professional and technical workers, numbering 77,660, have 21 percent of the jobs in Metro North. Engineers and engineering technicians comprise the largest number of professional and technical workers with 17,780 jobs, or 23 percent. Electrical and electronic engineers hold the most engineering jobs.

Labor Force, Employment and Unemployment

Unemployment Rate

Labor Force	Employed	Unemployed	SDA	State Average
1983	389,160	367,200	21,960	5.6
1984	401,160	385,320	15,840	3.9
1985	401,130	388,010	13,110	3.3
1986	404,830	392,050	12,910	4.4
1987	393,610	382,980	10,630	2.7
1988	396,940	385,960	10,980	2.8
1989	399,080	385,830	13,250	3.3
1990	397,070	377,300	19,780	5.0
				6.0

Teachers, educators, and instructors account for the second largest number of workers, with 16,895 jobs or 21.8 percent. College and university professors hold the most teaching jobs (4,235, followed by secondary teachers (2,700 jobs) and elementary teachers (2,430 jobs).

Health practitioners and technicians and technologists account for 14,500 jobs or the third largest number of professional and technical workers in the SDA. Registered nurses, the largest occupation, hold 5,420 jobs or 37 percent of the jobs in health professional and technical occupations.

Accountants, auditors and other financial specialists; purchasing agents and buyers; personnel specialists; cost estimators and other management support workers account for another 13 percent of employment, and comprise the fourth largest number of professional and technical workers in Metro North.

Computer and mathematical scientists and operations researchers hold the fifth largest number of jobs (5,485) or 7.1 percent of employment. In total, engineers, college and university professors, and computer and mathematical scientists account for 26

percent of Metro North's professional workforce compared to 19.7 percent statewide.

Sales Occupations

Sales workers account for 12.6 percent of total employment in Metro North compared to 11.8 percent statewide. Retail trade sales representatives and cashiers account for 50 percent of the sales workers in Metro North and Massachusetts. However, because Metro North has a high concentration of high tech employment, a greater percentage of its sales jobs are professional. Sales engineers, service sales representatives, and manufacturers and wholesale trade sales workers hold 18.5 percent of the sales jobs in Metro North compared to 14.6 percent statewide.

Service sales representatives sell a wide variety of services ranging from janitorial cleaning services to complex computer services in inventory control, payroll processing, sales analysis, engineering and commercial testing. Service sales representatives make up 7.7 percent of the sales workforce in Metro North. About half are employed in business service industries including management and consulting, public relations, advertising, computer and data processing, and testing laboratories.

Clerical Occupations

The 72,310 clerical workers comprise 20 percent of employment in Metro North. As in Massachusetts, secretaries, bookkeepers, receptionists and other general office workers account for 54 percent of all clerical workers. Schedulers, dispatchers, and shipping and receiving clerks account for another 12 percent of the clerical employment in Metro North. Clerical supervisors, with 5,055 jobs, comprise another 7.0 percent of Metro North's clerical jobs.

Service Occupations

Jobs in food service and preparation account for 40 percent of the 51,890 jobs in service occupations. Cleaning and building service workers account for the second largest number of service workers (22.7%). The third largest number of service workers, security guards; fire fighters; police detectives and investigators; and other protective service workers, account for 16.3 percent of service employment. Nursing aides, orderlies and attendants, home health aides, and cosmetologists account for the bulk of the remaining jobs in service occupations.

Production, Construction, and Operating Occupations

Production and construction workers, mechanics, machine operators, assemblers and laborers have the most jobs (81,365) or 22.4 percent of the jobs in Metro North. Mechanics, repairers, and installers have the largest number of jobs in the group, with 13,780 jobs or 16.9 percent. Machine setters, set-up operators, operators, and tenders comprise the second largest employment category with 12,160 jobs or 14.9 percent.

Helpers and laborers and transportation and material moving machine operators such as bus and truck drivers, gasoline service station attendants, industrial truck and tractor operators, and operating engineers, each account for 14 percent of employment. Construction workers, comprising another 12 percent of employment, are the fifth largest occupational group. Assemblers and hand workers represent 10.6 percent of employment. Supervisors and inspectors with 8.9 percent of employment and precision production workers with 8.0 percent account for the remaining employment.

Population

Metro North lost approximately 9 percent of its population over the past two decades. During the mid seventies, reductions in defense spending led to layoffs and soaring unemployment levels. Population fell from 779,251 in 1970 to 725,995 in 1980. The eighties defense buildup restored some jobs to the area, but the population exodus continued and, by 1988 the population was 705,680.

Metro North lost the most population of any SDA during the eighties. Between 1980 and 1988, 36,204 residents left the

SDA, and population loss was not offset by a high birth rate. The natural increase, or the net number of births over deaths, amounted to only 15,891.

A Note on Population Counts

At the time of this writing, 1990 Census data were not available. However, preliminary figures are available, showing Metro North's rate of decline maybe overstated. Bearing in mind that final figures may show differently*, the net loss from 1980-1990 is about 12,460 persons lower than the estimated 1980-1988 net loss. On an annualized basis, however, the differences in the rate of decline between the two figures is only slightly greater than two tenths of a percentage point.

Labor Force/Unemployment

Although the Metro North labor market has always been sensitive to reductions in defense spending, it has generally displayed a pattern of growth and expansion over the long term. Between 1975 and 1986, for example, the labor force grew more than 10 percent; between 1980 and 1986 Metro North's labor force expanded 8.3 percent, in spite of large population losses. What caused the labor force to expand when the population declined? A number of factors led to Metro North's labor force growth, including the aging of the baby boomers, dramatic increases in the percentages of women looking for work and increases in defense spending.

Increased defense spending and the demand for services and construction, caused the jobless rate to drop steadily from a high of 10.8 percent in 1975 to a low of 2.7 percent in 1987. In 1988 and 1989 both the number of unemployed and the jobless rate increased. In 1990

employment fell significantly, and the jobless rate rose sharply to 5.0 percent.

Wages/Income

Metro North has the third highest wages and salaries in the state, after the City of Boston and the Metro South/West SDAs. In 1989, the average annual wage for all workers covered by unemployment insurance in Metro North was \$26,644, 106% of the statewide average.

Wages vary by industry. Due to the concentration of high paying engineering and research firms in Metro North, this SDA has the second highest paying service industries in the state, after Boston. Metro North is the only SDA where service wages are higher than the average for all wages (\$27,332 vs \$26,644).

Other income figures identifying the total earnings of people living in the Metro North SDA are not geographically comparable. However, per capita income for Middlesex County can be used to approximate the income received by Metro North residents as opposed to its workers. In 1988, Middlesex County's per capita income totaled \$23,368, third highest in the state. Middlesex County's per capita income is 112 percent of the state's, a greater percentage of it derived from earnings, interest, dividends and rent than the rest of the state.

*The U.S. Department of Commerce is considering whether to correct this count and will publish corrected ones if any, no later than July 15, 1991.

Table A:
Metro North
Employment
by Occupation

		Percent Distribution
	Employment	
Managerial Occupations	Total Occupational Employment	363100
		100.00
	Managerial And Administrative Occupations	34000
	Staff And Administrative Specialty Managerial Occupations	10605
	Financial Managers	3450
	Personnel, Training And Labor Relation Managers	710
	Purchasing Managers	1020
	Marketing, Advertising And Related Managers	2090
	Administrative Service Managers	1510
	Engineering, Mathematical And Natural Science Managers	1825
	Line And Middle Management Industry Specific Occupations	5145
	Education Administrators	1430
	Medical And Health Service Managers	515
	Property And Real Estate Managers And Administrators	250
	Industrial Production Managers	1070
	Construction Managers	660
	Communications, Transportation, Utilities Operations Managers	515
	Food Service And Lodging Managers	705
	Other Managerial And Administrative Occupations	18250
	Pub Admin Chief Executives, Legislators, Genral Administrators	335
	General Managers And Top Executives	12920
	All Other Managers And Administrators	4995
Professional & Technical Occupations	Professional, Paraprofessional And Technical Occupations	77660
		21.37
(Management Support Occupations)	Accountants, Auditors And Other Financial Specialists	4975
	Underwriters	270
	Loan Officers And Counselors	565
	Accountants And Auditors	2940
	Budget Analysts	290
	All Other Financial Specialists	910
	Purchasing Agents And Buyers	1295
	Wholesale And Retail Buyers, Except Farm Products	610
	Purchasing Agents - Exc Wholesale, Retail & Farm Products	685
	Personnel, Training, Labor Relations Specialists And Related	1100
	Employment Interviewers	255
	Personnel, Training And Labor Relations Specialists	845
	Other Management Support Workers	2775
	Cost Estimators	525
	Construction And Building Inspectors	185
	Compliance Officers, Enforcement Inspectors, Exc Construction	145
	Tax Examiners, Collectors And Revenue Agents	65
	Assessors	300
	Claims Examiners, Property And Casualty Insurance	15
(Engineers & Engineering Technicians)	All Other Management Support Workers	0.41
	Engineers	10430
	Aeronautical And Astronautical Engineers	115
	Chemical Engineers	260
	Civil Engineers, Including Traffic Engineers	1275
	Electrical And Electronic Engineers	4080

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
Industrial And Safety Engineers	465	0.13
Mechanical Engineers	1360	0.37
All Other Engineers	2875	0.79
Architects And Surveying And Mapping Scientists	540	0.15
Architects, Except Landscape And Marine	540	0.15
Engineering And Related Technicians And Technologists	6810	1.87
Civil Engineering Technicians And Technologists	170	0.05
Electrical, Electronic Engineering Technicians, Technologists	2495	0.69
Industrial Engineering Technicians And Technologists	50	0.01
Mechanical Engineering Technicians And Technologists	390	0.11
Drafters	1690	0.46
All Other Engineering Technicians And Technologists	2015	0.55
Physical Scientists	2100	0.57
Chemists, Except Biochemists	415	0.11
All Other Physical Scientists	1685	0.46
Life Scientists	1385	0.39
Biological Scientists	55	0.02
Medical Scientists	540	0.15
All Other Life Scientists	790	0.22
Physical And Life Science Technicians And Technologists	695	0.19
Chemical Technicians, Technologists, Exc Health, Engineering	285	0.08
All Other Physical And Life Science Technicians, Technologist	410	0.11
(Computer & Math Scientists)		
Computer Scientists And Related Workers	4860	1.34
Systems Analysts, Electronic Data Processing	2275	0.63
Computer Programmers	2505	0.69
Programmers - Numerical, Tool And Process Control	80	0.02
Mathematical Scientists And Related Workers	625	0.17
Operations And Systems Researchers	330	0.09
Financial Analysis	60	0.02
All Other Mathematical Scientists	235	0.06
Social Scientists, Including Urban And Regional Planners	635	0.17
Economists, Including Market Research Analysts	145	0.04
Psychologists	335	0.09
All Other Social Scientists	155	0.04
Other Selected Social Science Related Workers	2710	0.74
Social Workers, Medical And Non-medical	1650	0.45
Social Service Technicians	500	0.14
Recreation Workers	560	0.15
(Lawyers, Paralegals & Related)		
Lawyers And Related Workers	400	0.11
Lawyers	400	0.11
Legal Assistants And Technicians, Except Clerical	150	0.04
Paralegal Personnel	150	0.04
(Teachers Educa- tors, Librarians & Related)		
College And University Faculty	4235	1.17
Other Teachers And Instructors	9365	2.57
Teachers, Preschool And Kindergarten	815	0.22
Teachers, Elementary	2430	0.67
Teachers, Secondary School	2700	0.74

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
Teachers, Special Education	1015	0.28
Teachers And Instructors, Vocational Education	635	0.17
Instructors, Nonvocational Education	535	0.15
Instructors And Coaches, Sports	605	0.17
All Other Teachers And Related Workers	630	0.17
Librarians, Archivists, Curators, Other Selected Ed Rel Works	3295	0.91
Librarians, Professional	575	0.16
Technical Assistants, Library	290	0.08
Vocational And Educational Counselors	495	0.14
Instructional Coordinators	105	0.03
Teacher Aides, Paraprofessional	1830	0.50
(Health Practitioners, Technicians & Technologists)		
Health Diagnosing And Treating Practitioners	1540	0.42
Physicians And Surgeons	980	0.27
Dentists	445	0.12
All Other Health Diagnosing And Treating Practitioners	115	0.03
Therapists	860	0.25
Respiratory Therapists	165	0.05
Occupational Therapists	180	0.05
Physical Therapists	285	0.08
Speech Pathologists And Audiologists	135	0.04
Recreational Therapists	95	0.03
Selected Health Care Maintenance And Treating Workers	8480	2.33
Registered Nurses	5420	1.49
Licensed Practical Nurses	1760	0.48
Emergency Medical Technicians	480	0.13
Opticians, Dispensing And Measuring	65	0.02
Pharmacists	480	0.13
Dieticians And Nutritionists	145	0.04
Dietetic Technicians	130	0.04
Other Health Professionals, Paraprofessionals And Technicians	3600	1.00
Medical And Clinical Laboratory Technologists And Technicians	1005	0.28
Dental Hygienists	370	0.10
Medical Records Technicians	205	0.06
Radiologic Technicians	795	0.22
Electrocardiogram Technicians	70	0.02
Surgical Technicians	65	0.02
All Other Health Professionals And Others	1090	0.30
Selected Writers, Artists, Entertainers, Athletes And Related	3375	0.95
Writers And Editors, Including Technical Writers	900	0.25
Public Relations Specialists And Publicity Writers	385	0.11
Reporters And Correspondents	55	0.02
Photographers And Camera Operators	140	0.04
Artists And Related Workers	350	0.10
Interior Designers	1140	0.31
Musicians, Instrumental	55	0.02
Athletes, Coaches, Umpires And Related	350	0.10
Other Professional, Paraprofessional, Technical Occupations	1425	0.39
All Other Professional, Paraprofessional And Technicians	1425	0.39

Table A:
Metro North
Employment
by Occupation

		Percent Distribution
	Employment	
Marketing & Sales Occupations		
Sales And Related Occupations	45875	12.64
First Line Supervisors And Manager/supervisors	3255	0.90
Sales Occupations, Services	2685	0.74
Sales Agents And Placers, Insurance	515	0.14
Brokers And Sales Agents, Real Estate	105	0.03
Appraisers, Real Estate	65	0.02
Sales Agents, Securities, Commodities And Financial Services	130	0.04
Travel Agents	705	0.19
Sales Agents, Advertising	380	0.10
All Other Sales Representatives, Service	785	0.22
Merchandise, Products, Other Sales, Sales-related Occupations	39935	11.00
Sales Engineers	575	0.16
Sales Reps, Scientific And Related Products And Services	3520	0.97
Sales Reps, Exc Scientific And Related Products Or Services	4395	1.21
Salespersons, Retail Trade	13045	3.59
Salespersons, Parts	1160	0.32
Counter And Rental Clerks	1460	0.40
Stock Clerks, Sales Floor	4685	1.29
Cashiers	9025	2.49
All Other Sales And Related Workers	2070	0.57
Clerical Occupations		
Clerical And Administrative Support Occupations	72310	19.91
First Line Supervisors - Clerical And Administrative Clerks	5055	1.39
Banking, Security, Finance And Credit Workers	4815	1.33
Tellers	2760	0.76
New Accounts Clerks	495	0.14
Transit Clerks	50	0.01
Loan Interviewers	65	0.02
Credit Authorizers	55	0.02
Credit Checkers	95	0.03
Loan And Credit Clerks	450	0.12
Adjustment Clerks	700	0.19
Statement Clerks	145	0.04
Selected Insurance Workers	720	0.20
Adjusters, Examiners, Investigators	180	0.05
Insurance Claims Clerks	180	0.05
Insurance Policy Processing Clerks	360	0.10
Investigative And Related Workers, Except Insurance	540	0.15
Bill And Account Collectors	540	0.15
Municipal And Related Workers	165	0.05
Municipal Clerks	165	0.05
Selected Lodging And Travel Workers	395	0.10
Reservation And Transportation Agents	85	0.02
Hotel Desk Clerks	310	0.08
Other Selected Industry Specific Workers	2180	0.59
Library Assistants And Bookmobile Drivers	1215	0.33
Teacher Aides And Education Assistants	705	0.19
Proofreaders And Copy Markers	150	0.04
Real Estate Clerks	110	0.03

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
Secretaries Stenographers And Typists	13475	3.71
Legal Secretaries	325	0.09
Medical Secretaries	735	0.20
Secretaries	12415	3.42
Other Secretarial Related And General Office Workers	25655	7.05
Stenographers	160	0.04
Receptionists And Information Clerks	2290	0.63
Typists And Word Processors	2620	0.72
Personnel Clerks, Except Payroll And Timekeeping	270	0.07
File Clerks	995	0.27
Order Clerks - Materials, Merchandise And Service	1450	0.40
Procurement Clerks	150	0.04
Statistical Clerks	190	0.05
Interview Clerks, Except Personnel And Welfare	910	0.25
Customer Service Representative, Utilities	230	0.06
Bookkeeping, Accounting, Auditing Clerks	7580	2.09
Payroll And Timekeeping Clerks	535	0.15
Billing, Cost And Rate Clerks	1205	0.33
General Office Clerk	7070	1.95
Electronic Data Processing, Other Office Machine Occupations	4480	1.25
Billing, Posting And Calculating Machine Operators	435	0.12
Mail Machine Operators, Preparing And Handling	130	0.04
Computer Operators, Except Peripheral Equipment	1225	0.34
Peripheral Edp Equipment Operators	75	0.02
Data Entry Keyers, Except Composing	1845	0.51
Data Entry Keyers, Composing	130	0.04
All Other Office Machine Operators	640	0.18
Communications Equipment Operators	1020	0.28
Switchboard Operator	885	0.24
Central Office Operators	135	0.04
Mail And Message Distribution Workers	635	0.18
Mail Clerks, Except Machine Operators And Post Office Messengers	205	0.06
430	0.12	
Material Recording, Scheduling, Dispatching, Distributing	8625	2.38
Dispatchers - Police, Fire, Ambulance	170	0.05
Dispatchers - Except Police, Fire And Ambulance	450	0.12
Production, Planning, Expediting Clerks	1025	0.28
Meter Readers, Utilities	155	0.04
Stock Clerks - Stockroom, Warehouse And Storage Yard	3110	0.86
Order Fillers, Wholesale And Retail Sales	870	0.24
Traffic, Shipping And Receiving Clerks	2455	0.68
All Other Material Recording And Related Workers	390	0.11
All Other Clerical And Administrative Support Occupations	4550	1.25
All Other Clerical And Administrative Support Workers	4550	1.25
Service Occupations		
Service Occupations	51890	14.30
First Line Supervisors - Service	1665	0.46
Fire Fighting And Prevention Supervisors	180	0.05
Police And Detective Supervisors	100	0.03
All Other Service Supervisors	1385	0.38

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
Protective Service Occupations	8335	2.30
Fire Fighters	990	0.27
Police Detectives And Investigators	830	0.23
Correction Officers And Jailers	70	0.02
Detectives And Investigators	190	0.05
Crossing Guards	240	0.07
Guards And Watch Guards	5875	1.62
All Other Protective Services	140	0.04
Food And Beverage Preparation And Service Workers	20450	5.62
Hosts And Hostesses	490	0.13
Bartenders	1225	0.34
Waiters And Waitresses	5785	1.59
Dining Room, Counter And Cafe Attendants	1720	0.47
Bakers, Bread And Pastry	675	0.19
Butchers And Meat Cutters	580	0.16
Cooks, Restaurant	1315	0.36
Cooks, Institution Or Cafe	690	0.19
Cooks, Speciality Fast Food And Fast Food	1280	0.35
Food Preparation Workers	2620	0.72
All Other Food Service Workers	4070	1.12
Health Service And Related Occupations	6530	1.81
Dental Assistants	495	0.14
Medical Assistants	145	0.04
Nurse Aides, Orderlies And Attendants	3690	1.02
Home Health Aides	1120	0.31
Psychiatric Aides	375	0.10
Physical And Corrective Therapy Assistants And Aides	70	0.02
Ambulance Drivers And Attendants, Except Emt's	250	0.07
Pharmacy Assistants	205	0.06
All Other Health Servicers	180	0.05
Cleaning, Building Service Occupations, Exc Private Households	11615	3.20
Janitors And Cleaners, Including Housekeepers And Maids	2640	0.73
Janitors And Cleaners	8535	2.35
All Other Cleaning And Building Service Workers	440	0.12
Personal Service Occupations	1865	0.51
Cosmetologists And Related	875	0.24
Amusement And Recreation Attendants	80	0.02
Ushers, Lobby Attendants And Ticket Takers	100	0.03
Social Welfare Service Aides	465	0.13
Child Care Workers	345	0.09
All Other Service Occupations	650	0.18
All Other Service Workers	650	0.18
Agricultural, Forestry, Fishing And Related Occupations	780	0.21
Forestry And Conservation Workers	50	0.01
Gardeners And Groundskeepers, Except Farm	545	0.15
All Other Agricultural, Forestry And Related Workers	185	0.05
Production, Construction & Maintenance Occupations	81365	22.43
Production, Construction And Maintenance Occupations	81365	22.43
First Line Supervisors, Manager/supers - Prod, Constr, Maint	4655	1.27
First Line Supervisors - Mechanics And Repairers	1395	0.38
First Line Supervisors - Constuction And Related	725	0.20
First Line Supervisors - Production And Related	1815	0.50
First Line Supervisors - Transportation And Related	270	0.07
First Line Supervisors - Helpers And Others	150	0.04
Blue Collar Worker Supervisors	300	0.08

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
(Mechanics, Installers & Repairers)		
Inspectors And Related Occupations	2565	0.71
Precision And Production Inspectors	2435	0.67
All Other Inspectors, Testers	130	0.04
Machinery And Related Mechanics, Installers And Repairers	3790	1.05
Machinery Maintenance Mechanics	350	0.10
Mach Maintenance Mechanics, Water Or Power Generation Plant	150	0.04
Maintenance Repairers, General Utility	3290	0.91
Mobile Equipment Mechanics, Installers And Repairers	3730	1.03
Automotive Mechanics	2220	0.61
Automotive Body And Related Repairers	680	0.19
Bus And Truck Mechanics And Diesel Mechanics	565	0.16
Mobile Heavy Equipment Mechanics	265	0.07
Communications Equipment Mechanics, Installers And Repairers	195	0.05
Central Office And Pbx Installers And Repairers	195	0.05
Other Electrical, Electronic Equip Mechs, Installers, Repairs	2715	0.73
Telephone And Cable Tv Line Installers And Repairers	85	0.02
Data Processing Equipment Repairers	560	0.15
Electronic Home Entertainment Equipment Repairers	355	0.10
Electric Home Appliance And Power Tool Repairers	555	0.15
Electronics Repairers, Industrial Equipment	340	0.09
Electric Powerline Installers And Repairers	440	0.12
Station Installers And Repairers, Telephone	265	0.07
All Other Electric, Electronic Equip Mechs, Reprs, Instllrs	115	0.03
Other Mechanics, Installers And Repairers	3355	0.92
Heating, Air Conditioning, Refrigeration Mechs, Installers	1200	0.33
Precision Instrument Repairers	245	0.07
Office Machine And Cash Register Servicers	115	0.03
Gas Appliance Repairers	150	0.04
Coin And Vending Machine Servicers	70	0.02
All Other Mechanics, Installers And Repairers	1575	0.43
(Construction Trades Occupations)		
Selected Carpentry And Related Workers	3295	0.90
Carpenters	2625	0.72
Drywall Installers And Tapers	670	0.18
Selected Electrical And Related Workers	1505	0.41
Electricians	1505	0.41
Selected Masonry And Related Workers	750	0.20
Brick Masons And Stone Masons	330	0.09
Hard Tile Setters	65	0.02
Concrete And Terrazzo Finishers	120	0.03
Reinforcing Metal Workers	235	0.06
Selected Painting And Related Workers	905	0.25
Painters, Paperhanglers, Construction And Maintenance	905	0.25
Selected Plumbing And Related Workers	1590	0.44
Plumbers, Pipefitters And Steamfitters	1390	0.38
Pipelayers	200	0.06
Selected Floor Related Workers, Except Carpenters	255	0.07
Carpet Installers	195	0.05
Floor Layers, Except Carpet, Wood And Hard Tiles	60	0.02

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
Selected Road, Rail, Related Constr & Maint Wrkers, Exc Masons	475	0.13
Paving, Surfacing And Tamping Equipment Operators	65	0.02
Highway Maintenance Workers	410	0.11
All Other Construction Trades Workers	325	0.09
Sheet Metal Duct Installers	90	0.03
Roofers	125	0.03
Glaziers	110	0.03
Extractive And Related, Including Blasters	835	0.23
All Other Construction And Extractive Occupations	835	0.23
(Precision Production Occupations)		
Precision Metal Workers	3780	1.04
Tool And Die Makers	340	0.09
Machinists	1880	0.52
Precision Tool Grinders, Filers, Sharpeners	195	0.05
Jewelers And Silversmiths	100	0.03
Sheet Metal Workers	1115	0.31
All Other Precision Metal Workers	150	0.04
Precision Woodworkers	495	0.02
Precision Woodworkers	75	0.02
Wood Machinists	90	0.03
Cabinetmakers And Bench Carpenters	260	0.07
Furniture Finishers	70	0.02
Precision Textile, Apparel And Furnishings Workers	480	0.14
Custom Tailors And Sewers	170	0.05
Shoe And Leather Workers And Repairers - Precision	90	0.03
Pressers, Delicate Fabrics	85	0.02
All Other Precision Textile And Related Workers	135	0.04
Precision Printing Workers	380	0.11
Job Printers	60	0.02
Precision Lithography And Photoengraving Workers	200	0.06
Bookbinders	120	0.03
Precision Food Workers	315	0.09
Bakers, Manufacturing	175	0.05
Food Batchmakers	140	0.04
Other Precision Workers	1035	0.29
Precision Detail Design Decorators And Painters	100	0.03
Precision Photographic Process Workers	60	0.02
Medical Appliance Makers	140	0.04
All Other Precision Workers	735	0.20
(Machine Setters, Set-up Operators, Operators, & Tenders)		
Machine Tool Cutting Setters, Ops And Related - Metal, Plas	1300	0.36
Lathe, Turning Mach Tool Setters, Set-up Operators, Metal, Pl	390	0.11
Drilling, Boring Mach Tool Setters, Set-up Ops, Metal, Pl	135	0.04
Milling, Planing Machine Setters, Set-up Ops, Metal, Plastic	165	0.05
Grinding, Lapping, Buffing Machine Tool Setters, Set-up Ops	160	0.04
Machine Tool Cutting Operators	450	0.12
Machine Forming Setters, Operators And Related Workers	1020	0.29
Punching Machine Setters And Set-up Operators, Metal, Plastic	360	0.10
Press, Press Brake Machine Setters, Set-up Ops, Metal, Plas	100	0.03
Shear, Slitter Machine Setters, Set-up Ops, Metal And Plastic	65	0.02
Sheetmetal Machine Operator	495	0.14

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
Numerical And Combination Tool Setters, Operators And Related	455	0.13
Numerical Control Machine Tool Operators, Tenders, Met, Plas	250	0.07
Combination Machine Tool Setters, Set-up Ops, Metal, Plastic	115	0.03
Combination Machine Tool Operators, Metal And Plastics	90	0.03
Metal Fabricating, Related Machine Setters, Operators	460	0.13
Welding Machine Setters And Set-up Operators	110	0.03
Welding Machine Operators And Tenders	70	0.02
Soldering And Brazing Machine Setters And Set-up Operators	55	0.02
Soldering And Brazing Machine Operators And Tenders	65	0.02
Metal Fabricators, Structural Metal Products	160	0.04
Metal, Plastic Processing Machine Setters, Operators, Related	945	0.27
Plastic Molding, Casting Machine Operators And Tenders	530	0.15
Electrolytic Plating, Coating Machine Setters, Set-up Ops	65	0.02
Electrolytic Plating And Coating Machine Operators, Tenders	275	0.08
Furnace Operators And Tenders	75	0.02
All Other Metal, Plastic Machine Setters, Operators, Related	550	0.15
All Other Metal, Plastic Machine Setters, Set-up Operators	205	0.06
All Other Metal And Plastic Machine Operators And Tenders	345	0.09
Printing, Binding And Related Workers	1345	0.36
Printing Press Machine Setters And Set-up Operators	75	0.02
Offset Lithographic Press Setters	310	0.08
Letterpress Setters And Set-up Operators	60	0.02
Screen Printing Machine Setters And Set-up Operators	80	0.02
Bindery Machine Setters And Set-up Operators	70	0.02
Typesetting And Composing Machine Operators And Tenders	235	0.06
Printing Press Machine Operators	310	0.08
Bindery Machine Operators	115	0.03
All Other Printing, Binding, Related Machine Ops And Tenders	90	0.03
Textile, Related Setters, Operators And Other Related Workers	1755	0.49
Textile Machine Ops, Tenders - Winding, Twisting, Knitting	165	0.05
Sewing Machine Operators, Garment	770	0.21
Sewing Machine Operators, Non-garment	300	0.08
Shoe Sewing Machine Operators	95	0.03
Laundry And Drycleaning Machine Operators	350	0.10
Pressing Machine Operators, Textile	75	0.02
Other Machine Setters, Set-up Operators, Operators, Tenders	4330	1.20
Electronic Semiconductor Processors	710	0.20
Photographic Process Machine Operators	330	0.09
Paper Goods Machine Setters And Set-up Operators	185	0.05
Cooking Machine Operators And Tenders, Food And Tobacco	70	0.02
Boiler Operators And Tenders, Low Pressure	55	0.02
Chemical Equipment Controllers And Operators	75	0.02
Cutting And Slicing Machine Setters And Set-up Operators	55	0.02
Cutting And Slicing Machine Operators	130	0.04
Coating, Painting, Spraying Machine Setters, Set-up Operators	80	0.02
Coating, Painting And Spraying Machine Operators And Tenders	185	0.05
Cementing And Gluing Machine Operators And Tenders	90	0.03
Crushing, Grinding, Mixing, Blending Machine Ops And Tenders	270	0.07
Extrudng, Formng, Pressng, Compacting Mach Setters, Set-up Ops	75	0.02
Extruding, Forming, Pressing, Compacting Machine Ops, Tenders	80	0.02
Packaging And Filling Machine Operators	475	0.13
All Other Machine Operators	1465	0.40

Table A:
Metro North
Employment
by Occupation

	Employment	Percent Distribution
(Assemblers & other Hand Workers)		
Precision Assemblers	2990	0.83
Machine Builders And Other Precision Machine Electromechanical Equipment Assemblers - Prec	135	0.04
Electrical And Electronic Equipment Assembler	1375	0.38
All Other Precision Metal Assemblers	1420	0.39
	60	0.02
Other Hand Workers, Including Assemblers And Fabricators	5620	1.54
Machine Assemblers	110	0.03
Electrical And Electronic Assemblers	1320	0.36
Welders And Cutters	410	0.11
Solderers And Brazers	185	0.05
Cutters And Trimmers, Hand	125	0.03
Meat, Poultry And Fish Cutters And Trimmers - Hand	65	0.02
Grinding And Polishing Workers, Hand	165	0.05
Assemblers, Fabricators - Exc Mach, Electrc, Electrnc, Prec	2110	0.58
All Other Hand Workers	1130	0.31
Plant And Systems Occupations	460	0.13
Water And Liquid Waste Treatment Plant And System Operators	185	0.05
All Power Operators	100	0.03
All Other Plant And System Operators	175	0.05
(Transportation & Material Moving Machine & Vehicle Operators)		
Motor Vehicle Operators	8460	2.33
Truck Drivers, Heavy	3760	1.04
Truck Drivers, Light - Including Delivery And Route Drivers	3310	0.91
Bus Drivers	300	0.08
Bus Drivers, School	145	0.04
Taxi Drivers And Chauffeurs	410	0.11
Driver/sales Workers	535	0.15
All Other Transportation And Related Workers	1390	0.39
Service Station Attendants	830	0.23
Parking Lot Attendants	60	0.02
All Other Transportation Workers	500	0.14
Material Moving Equipment Operators	1495	0.42
Excavating And Loading Machine Operators	95	0.03
Grading, Dozing And Scraper Operators	310	0.08
Industrial Truck And Tractor Operators	565	0.16
Operating Engineers	245	0.07
All Other Material Moving Equipment Operators	280	0.08
(Helpers, Laborers & Material Movers-Hand)		
Constructive Trades, Extractive Worker Helpers	2085	0.57
Helpers, All Other Construction Trades	2015	0.55
Helpers, All Other Construction Trades	70	0.02
Machine Feeders And Offbearers	680	0.19
Machine Feeders And Offbearers	680	0.19
Freight, Stock And Material Handlers, Hand	120	0.03
Refuse Collectors	120	0.03
All Other Helpers, Laborers, Material Movers - Hand	8480	2.33
Hand Packers And Packagers	2815	0.77
Vehicle Washers And Equipment Cleaners	265	0.07
All Other Helpers, Laborers, Movers - Hand	5400	1.49

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
Managerial & Executive Occupations		
o Financial Managers	3450	100.00
Commercial And Stock Savings Banks	340	9.86
Miscellaneous Business Services	305	8.84
Noncommercial Educational, Scientific, Research Organizations	215	6.23
All Other Service	190	5.51
Local Government, Except Education And Hospitals	170	4.93
Wholesale And Retail Trade	160	4.64
Nondurable Goods Manufacturing	155	4.49
All Other Finance, Insurance And Real Estate	155	4.49
All Other Construction	120	3.48
All Other Machinery, Except Electrical	115	3.33
All Other Instruments And Related Products	95	2.76
Mutual Savings Banks	95	2.76
All Other Health Services	95	2.76
All Other Credit Agencies Other Than Banks	90	2.61
Electronic Components And Accessories	85	2.46
General Building Contractors - Residential Buildings	80	2.32
Computer And Data Processing Services	80	2.32
Accounting, Auditing And Bookkeeping Services	80	2.32
All Other Special Trade Contractors	75	2.17
All Other Fabricated Metal Products	75	2.17
Savings And Loan Associations	75	2.17
Office Of Dentists	75	2.17
Engineering, Architectural And Surveying Services	75	2.17
All Other Durable Goods Manufacturing	70	2.03
All Other Business Services	70	2.03
All Other Social Services	70	2.03
o Personnel, Training And Labor Relation Managers	710	100.00
Durable Goods Manufacturing	135	19.02
All Other Service	135	19.02
Wholesale And Retail Trade	75	10.56
Miscellaneous Business Services	75	10.56
Computer And Data Processing Services	65	9.16
Nondurable Goods Manufacturing	60	8.45
All Other Health Services	50	7.04
Colleges, Universities, Professional Schools, Junior Colleges	50	7.04
o Purchasing Managers	1020	100.00
All Other Wholesale Trade-durable Goods	140	13.73
All Other Wholesale And Retail Trade	135	13.24
All Other Durable Goods Manufacturing	110	10.79
Machinery, Equipment And Supplies	75	7.36
All Other Business Services	65	6.37
Groceries And Related Supplies	60	5.88
Miscellaneous Shopping Goods Stores	60	5.88
All Other Wholesale Trade-nondurable Goods	55	5.39
All Other Building Materials And Garden Supplies	55	5.39
All Other Food Stores	55	5.39
All Other Service	55	5.39
Electronic Components And Accessories	50	4.90
Miscellaneous Apparel And Accessory Stores	50	4.90
o Marketing, Advertising And Related Managers	2090	100.00
Computer And Data Processing Services	375	17.94
All Other Wholesale And Retail Trade	180	8.61
All Other Service	165	7.90

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Employment	Distribution
	Miscellaneous Business Services	125	5.98
	Special Industry Machinery	115	5.50
	Electronic Components And Accessories	105	5.02
	Chemicals And Allied Products	85	4.07
	All Other Instruments And Related Products	80	3.83
	All Other Printing And Publishing	80	3.83
	Motor Vehicle Dealers (new And Used)	80	3.83
	All Other Durable Goods Manufacturing	75	3.59
	All Other Wholesale Trade-nondurable Goods	75	3.59
	Noncommercial Educational, Scientific, Research Organizations	75	3.59
	Photographic Equipment And Supplies	70	3.35
	All Other Electrical And Electronic Equipment	65	3.11
	All Other Nondurable Goods Manufacturing	65	3.11
	Office Computing Machinery	60	2.87
	Machinery, Equipment And Supplies	55	2.63
	All Other Social Services	55	2.63
	Finance, Insurance And Real Estate	50	2.39
o	Administrative Service Managers	1510	100.00
	Local Government, Except Education And Hospitals	720	47.68
	All Other Service	155	10.27
	Durable Goods Manufacturing	90	5.96
	Miscellaneous Business Services	90	5.96
	Computer And Data Processing Services	85	5.63
	Wholesale And Retail Trade	75	4.97
	Individual And Family Social Services	75	4.97
	Laundering, Cleaning And Garment Services	55	3.64
	All Other Health Services	55	3.64
o	Engineering, Mathematical And Natural Science Managers	1825	100.00
	Computer And Data Processing Services	445	24.39
	Engineering, Architectural And Surveying Services	185	10.14
	Miscellaneous Business Services	180	9.86
	Electronic Components And Accessories	155	8.49
	All Other Durable Goods Manufacturing	140	7.67
	Colleges, Universities, Professional Schools, Junior Colleges	140	7.67
	Special Industry Machinery	90	4.93
	Office Computing Machinery	90	4.93
	All Other Machinery, Except Electrical	85	4.66
	All Other Electrical And Electronic Equipment	80	4.39
	Chemicals And Allied Products	55	3.01
	Mechanical Measuring And Controlling Instruments	50	2.74
	All Other Nondurable Goods Manufacturing	50	2.74
o	Education Administrators	1430	100.00
	Colleges, Universities, Professional Schools, Junior Colleges	625	43.71
	Elementary And Secondary Schools	580	40.56
	All Other Educational Services	120	8.39
	Child Day Care Services	65	4.54
o	Medical And Health Service Managers	515	100.00
	Hospitals	230	44.66
	All Other Health Services	180	34.95
	Local Government, Except Education And Hospitals	65	12.62
o	Industrial Production Managers	1070	100.00
	Electronic Components And Accessories	290	27.10

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
All Other Durable Goods Manufacturing	190	17.76
All Other Nondurable Goods Manufacturing	160	14.95
All Other Machinery, Except Electrical	125	11.68
All Other Instruments And Related Products	100	9.35
All Other Fabricated Metal Products	70	6.54
All Other Printing And Publishing	70	6.54
All Other Electrical And Electronic Equipment	65	6.08
o Construction Managers	660	100.00
All Other Construction	165	25.00
General Building Contractors - Residential Buildings	150	22.73
Plumbing, Heating (except Electric), Air Conditioning	70	10.61
All Other Special Trade Contractors	70	10.61
Colleges, Universities, Professional Schools, Junior Colleges	65	9.85
Painting, Paper Hanging, And Decorating	55	8.33
Electrical Work	55	8.33
o Communications, Transportation, Utilities Operations Manager	515	100.00
All Other Transportation And Public Utilities	205	39.81
Trucking, Local And Long Distance	145	28.16
Wholesale And Retail Trade	130	25.24
o Food Service And Lodging Managers	705	100.00
Eating And Drinking Places	450	63.83
All Other Health Services	75	10.64
All Other Educational Services	65	9.22
Hotels, Motels And Tourist Courts	60	8.51
o General Managers And Top Executives	12920	100.00
Miscellaneous Business Services	820	6.35
Eating And Drinking Places	685	5.30
Computer And Data Processing Services	510	3.95
Machinery, Equipment And Supplies	470	3.64
Noncommercial Educational, Scientific, Research Organizations	425	3.29
Food Stores	390	3.02
Electrical Goods	290	2.25
All Other Wholesale Trade-nondurable Goods	290	2.25
All Other Service	275	2.13
All Other Construction	270	2.09
All Other Durable Goods Manufacturing	270	2.09
Miscellaneous Apparel And Accessory Stores	245	1.90
Miscellaneous Shopping Goods Stores	235	1.82
Mailing, Reproduction, Commercial Art, Photography, Steno Svcs	220	1.70
Individual And Family Social Services	215	1.66
All Other Wholesale And Retail Trade	200	1.55
All Other Nondurable Goods Manufacturing	195	1.51
Groceries And Related Supplies	195	1.51
Engineering, Architectural And Surveying Services	190	1.47
Professional & Technical Occupations		
o Loan Officers And Counselors	565	100.00
Commercial And Stock Savings Banks	320	56.64
All Other Credit Agencies Other Than Banks	125	22.12
Mutual Savings Banks	70	12.39
Savings And Loan Associations	50	8.85

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Employment	Distribution
o	Accountants And Auditors	2940	100.00
	Accounting, Auditing And Bookkeeping Services	570	19.39
	Commercial And Stock Savings Banks	335	11.40
	Family Clothing Stores	155	5.28
	All Other Wholesale And Retail Trade	145	4.94
	All Other Finance, Insurance And Real Estate	130	4.42
	Nondurable Goods Manufacturing	125	4.25
	Eating And Drinking Places	115	3.91
	All Other Durable Goods Manufacturing	110	3.74
	All Other Wholesale Trade-nondurable Goods	110	3.74
	All Other Service	105	3.57
	Miscellaneous Business Services	100	3.40
	Colleges, Universities, Professional Schools, Junior Colleges	100	3.40
	Local Government, Except Education And Hospitals	100	3.40
	All Other Wholesale Trade-durable Goods	95	3.23
	Transportation And Public Utilities	90	3.06
o	Wholesale And Retail Buyers, Except Farm Products	610	100.00
	All Other Wholesale And Retail Trade	140	22.95
	All Other Wholesale Trade-durable Goods	105	17.21
	All Other Apparel And Accessory Stores	90	14.75
	All Other Wholesale Trade-nondurable Goods	80	13.12
	Department Stores	75	12.29
	Electrical Goods	60	9.84
	Miscellaneous Shopping Goods Stores	60	9.84
o	Purchasing Agents - Exc Wholesale, Retail & Farm Products	685	100.00
	All Other Durable Goods Manufacturing	170	24.81
	Electronic Components And Accessories	100	14.60
	All Other Service	80	11.68
	All Other Instruments And Related Products	75	10.95
	All Other Machinery, Except Electrical	70	10.22
	Nondurable Goods Manufacturing	50	7.30
	Computer And Data Processing Services	50	7.30
o	Personnel, Training And Labor Relations Specialists	845	100.00
	Miscellaneous Business Services	175	20.71
	All Other Durable Goods Manufacturing	145	17.16
	All Other Service	135	15.98
	Wholesale And Retail Trade	85	10.06
	Photographic Equipment And Supplies	75	8.87
	Finance, Insurance And Real Estate	70	8.28
	Computer And Data Processing Services	55	6.51
	All Other Health Services	50	5.92
o	Cost Estimators	525	100.00
	Durable Goods Manufacturing	180	34.29
	All Other Special Trade Contractors	155	29.52
	All Other Construction	115	21.91
	Nondurable Goods Manufacturing	50	9.52
o	Civil Engineers, Including Traffic Engineers	1275	100.00
	Engineering, Architectural And Surveying Services	1100	86.28
	Local Government, Except Education And Hospitals	95	7.45
	All Other Business Services	65	5.10

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Electrical And Electronic Engineers	4080	100.00
	Computer And Data Processing Services	1560	38.24
	Electronic Components And Accessories	680	16.67
	Miscellaneous Business Services	370	9.07
	All Other Durable Goods Manufacturing	255	6.25
	Office Computing Machinery	245	6.00
	Special Indusry Machinery	175	4.29
	Mechanical Measuring And Controlling Instruments	135	3.31
	Communication Equipment	130	3.19
	Machinery, Equipment And Supplies	120	2.94
	All Other Machinery, Except Electrical	85	2.08
o	Industrial And Safety Engineers	465	100.00
	Electronic Components And Accessories	185	39.79
	Miscellaneous Business Services	65	13.98
	All Other Machinery, Except Electrical	60	12.90
	All Other Durable Goods Manufacturing	60	12.90
	All Other Instruments And Related Products	55	11.83
o	Mechanical Engineers	1360	100.00
	All Other Durable Goods Manufacturing	575	42.28
	Computer And Data Processing Services	190	13.97
	All Other Machinery, Except Electrical	175	12.87
	Mechanical Measuring And Controlling Instruments	100	7.35
	Miscellaneous Business Services	95	6.99
	All Other Instruments And Related Products	70	5.15
	Electronic Components And Accessories	55	4.04
o	Architects, Except Landscape And Marine	540	100.00
	Engineering, Architectural And Surveying Services	470	87.04
	Miscellaneous Business Services	70	12.96
o	Electrical, Electronic Engineering Technicians, Technologists	2495	100.00
	Electronic Components And Accessories	870	34.87
	Special Indusry Machinery	290	11.62
	Computer And Data Processing Services	240	9.62
	Machinery, Equipment And Supplies	230	9.22
	All Other Durable Goods Manufacturing	150	6.01
	Electrical Goods	145	5.81
	Communication Equipment	115	4.61
	Mechanical Measuring And Controlling Instruments	105	4.21
	Office Computing Machinery	75	3.01
	Photographic Equipment And Supplies	65	2.61
	All Other Business Services	60	2.41
	Electric, Gas And Sanitary Services	50	2.00
	All Other Wholesale And Retail Trade	50	2.00
o	Mechanical Engineering Technicians And Technologists	390	100.00
	All Other Durable Goods Manufacturing	150	38.46
	Photographic Equipment And Supplies	60	15.39
	Mechanical Measuring And Controlling Instruments	55	14.10
	All Other Business Services	55	14.10
	All Other Machinery, Except Electrical	50	12.82

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Employment	Percent Distribution
o	Drafters	1690	100.00
	Engineering, Architectural And Surveying Services	735	43.49
	Personnel Supply Services	155	9.17
	All Other Machinery, Except Electrical	130	7.69
	Electronic Components And Accessories	125	7.40
	All Other Durable Goods Manufacturing	100	5.92
	Miscellaneous Business Services	95	5.62
	Photographic Equipment And Supplies	80	4.73
	All Other Instruments And Related Products	80	4.73
	All Other Electrical And Electronic Equipment	55	3.25
	All Other Wholesale Trade-durable Goods	50	2.96
o	Chemists, Except Biochemists	415	100.00
	Miscellaneous Business Services	235	56.63
	Chemicals And Allied Products	85	20.48
	All Other Instruments And Related Products	75	18.07
o	Medical Scientists	540	100.00
	Noncommercial Educational, Scientific, Research Organizations	515	95.37
o	Computer Systems Analysts	2275	100.00
	Computer And Data Processing Services	790	34.72
	Colleges, Universities, Professional Schools, Junior Colleges	295	12.97
	Noncommercial Educational, Scientific, Research Organizations	195	8.57
	Miscellaneous Business Services	165	7.25
	Office Computing Machinery	160	7.03
	All Other Durable Goods Manufacturing	115	5.05
	Commercial And Stock Savings Banks	110	4.83
	All Other Instruments And Related Products	75	3.30
	Special Industry Machinery	65	2.86
	Nondurable Goods Manufacturing	60	2.64
	Family Clothing Stores	55	2.42
	All Other Service	55	2.42
	All Other Wholesale And Retail Trade	50	2.20
o	Computer Programmers	2505	100.00
	Computer And Data Processing Services	775	30.94
	Colleges, Universities, Professional Schools, Junior Colleges	250	9.98
	Miscellaneous Business Services	225	8.98
	Personnel Supply Services	185	7.39
	Machinery, Equipment And Supplies	140	5.59
	Office Computing Machinery	95	3.79
	All Other Service	85	3.39
	All Other Machinery, Except Electrical	80	3.19
	All Other Instruments And Related Products	80	3.19
	Nondurable Goods Manufacturing	75	2.99
	Family Clothing Stores	75	2.99
	All Other Electrical And Electronic Equipment	60	2.39
	All Other Wholesale Trade-nondurable Goods	60	2.39
	All Other Durable Goods Manufacturing	55	2.20
	All Other Wholesale Trade-durable Goods	55	2.20
	All Other Wholesale And Retail Trade	50	2.00
	Commercial And Stock Savings Banks	50	2.00

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o Operations And Systems Researchers	330	100.00
Miscellaneous Business Services	145	43.94
Computer And Data Processing Services	80	24.24
Finance, Insurance And Real Estate	75	22.73
o Psychologists	335	100.00
All Other Service	115	34.33
Hospitals	100	29.85
Colleges, Universities, Professional Schools, Junior Colleges	70	20.90
Outpatient Care Facilities	50	14.92
o Social Workers, Medical And Non-medical	1650	100.00
Individual And Family Social Services	815	49.40
Hospitals	300	18.18
Outpatient Care Facilities	170	10.30
All Other Social Services	155	9.39
Elementary And Secondary Schools	75	4.55
All Other Service	65	3.94
Nursing And Personal Care Facilities	55	3.33
o Recreation Workers	560	100.00
Hotels, Motels And Tourist Courts	165	29.47
Civic, Social, And Fraternal Associations	130	23.21
Local Government, Except Education And Hospitals	105	18.75
Office Of Physicians	55	9.82
All Other Health Services	55	9.82
All Other Service	50	8.93
o Lawyers	400	100.00
Legal Services	255	63.75
Local Government, Except Education And Hospitals	65	16.25
o College And University Faculty	4235	100.00
Colleges, Universities, Professional Schools, Junior Colleges	3035	71.67
Elementary And Secondary Schools	815	19.24
All Other Personal Services	275	6.49
Hospitals	105	2.48
o Teachers, Preschool And Kindergarten	815	100.00
Child Day Care Services	405	49.69
Elementary And Secondary Schools	270	33.13
Civic, Social, And Fraternal Associations	75	9.20
All Other Social Services	65	7.98
o Teachers, Elementary	2430	100.00
Elementary And Secondary Schools	2425	99.79
o Teachers, Secondary School	2700	100.00
Elementary And Secondary Schools	2700	100.00
o Teachers, Special Education	1015	100.00
Elementary And Secondary Schools	1015	100.00

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o Teachers And Instructors, Vocational Education	635	100.00
All Other Educational Services	245	38.58
Elementary And Secondary Schools	190	29.92
Beauty Shops	135	21.26
All Other Social Services	60	9.45
o Instructors, Nonvocational Education	535	100.00
All Other Educational Services	320	59.81
All Other Service	120	22.43
Elementary And Secodary Schools	95	17.76
o Librarians, Professional	575	100.00
Colleges, Universities, Professionl Schools, Junior Colleges	305	53.04
Local Government, Except Education And Hospitals	120	20.87
Elementary And Secodary Schools	95	16.52
o Vocational And Educational Counselors	495	100.00
Elementary And Secondary Schools	225	45.46
All Other Social Services	115	23.23
Individual And Family Social Services	80	16.16
All Other Service	70	14.14
o Teacher Aides, Paraprofessional	1830	100.00
Colleges, Universities, Professionl Schools, Junior Colleges	1045	57.10
Elementary And Secondary Schools	785	42.90
o Physicians And Surgeons	980	100.00
Hospitals	610	62.25
Office Of Physicians	240	24.49
All Other Health Services	105	10.71
o Dentists	445	100.00
Office Of Dentists	435	97.75
o Registered Nurses	5420	100.00
Hospitals	3770	69.56
Personnel Supply Services	450	8.30
Nursing And Personal Care Facilities	275	5.07
Office Of Physicians	215	3.97
All Other Health Services	165	3.04
All Other Social Services	130	2.40
Indivial And Family Social Services	115	2.12
Outpatient Care Facilities	85	1.57
Elementary And Secodary Schools	85	1.57
All Other Service	80	1.48
o Licensed Practical Nurses	1760	100.00
Hospitals	635	36.08
Nursing And Personal Care Facilities	485	27.56
Personnel Supply Services	435	24.72
Office Of Physicians	75	4.26
All Other Social Services	60	3.41
All Other Health Services	55	3.12

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o	Pharmacists	480 100.00
	Drug Stores And Proprietary Stores	330 68.75
	Hospitals	130 27.09
o	Medical And Clinical Laboratory Technologists And Technician	1005 100.00
	Hospitals	655 65.18
	All Other Health Services	335 33.33
o	Dental Hygienists	370 100.00
	Office Of Dentists	245 66.22
	Hospitals	120 32.43
o	Radiologic Technicians	795 100.00
	Hospitals	395 49.69
	Office Of Physicians	345 43.39
	All Other Health Services	55 6.92
o	Writers And Editors, Including Technical Writers	900 100.00
	All Other Printing And Publishing	220 24.45
	Colleges, Universities, Professional Schools, Junior Colleges	165 18.33
	Computer And Data Processing Services	145 16.11
	Miscellaneous Business Services	100 11.11
	All Other Durable Goods Manufacturing	95 10.56
	Noncommercial Educational, Scientific, Research Organizations	75 8.33
	All Other Machinery, Except Electrical	55 6.11
o	Public Relations Specialists And Publicity Writers	385 100.00
	Miscellaneous Business Services	230 59.74
	All Other Service	80 20.78
	Computer And Data Processing Services	55 14.28
Marketing & Sales Occupations	Sales Supervisors	3255 100.00
	Machinery, Equipment And Supplies	355 10.91
	Food Stores	320 9.83
	Department Stores	215 6.60
	All Other Apparel And Accessory Stores	175 5.38
	Miscellaneous Business Services	165 5.07
	All Other Wholesale Trade-durable Goods	150 4.61
	All Other Finance, Insurance And Real Estate	140 4.30
	Nondurable Goods Manufacturing	135 4.15
	Electrical Goods	135 4.15
	Groceries And Related Supplies	125 3.84
	All Other Wholesale Trade-nondurable Goods	115 3.53
	Women's Ready-to-wear Stores	110 3.38
	Miscellaneous Shopping Goods Stores	110 3.38
	Drug Stores And Proprietary Stores	90 2.76
	All Other Service	90 2.76
	All Other Instruments And Related Products	85 2.61
	Transportation And Public Utilities	80 2.46
	All Other Wholesale And Retail Trade	80 2.46
	All Other Personal Services	75 2.30
	All Other Business Services	65 2.00

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o Insurance Sales Agents	515	100.00
All Other Insurance Carriers	285	55.34
Insurance Agents, Brokers And Service	185	35.92
o Travel Agents	705	100.00
Arrangement Of Transportation	705	100.00
o Sales Agents, Advertising	380	100.00
Miscellaneous Business Services	165	43.42
All Other Printing And Publishing	125	32.90
All Other Service	70	18.42
o Sales Engineers	575	100.00
Computer And Data Processing Services	150	26.09
Electronic Components And Accessories	125	21.74
Mechanical Measuring And Controlling Instruments	105	18.26
All Other Machinery, Except Electrical	75	13.04
All Other Durable Goods Manufacturing	70	12.17
o Sales Reps, Scientific And Related Products And Services	3520	100.00
Machinery, Equipment And Supplies	1270	36.08
Computer And Data Processing Services	595	16.90
Electrical Goods	445	12.64
Special Industry Machinery	215	6.11
Medical Instruments And Supplies	140	3.98
All Other Durable Goods Manufacturing	130	3.69
All Other Wholesale Trade-nondurable Goods	105	2.98
All Other Wholesale Trade-durable Goods	95	2.70
All Other Nondurable Goods Manufacturing	80	2.27
Electronic Components And Accessories	75	2.13
All Other Instruments And Related Products	75	2.13
Hardware, And Plumbing And Heating Equipment And Supplies	75	2.13
All Other Machinery, Except Electrical	65	1.85
Chemicals And Allied Products	60	1.71
Groceries And Related Supplies	55	1.56
o Sales Reps, Exc Scientific And Related Products Or Services	4395	100.00
Machinery, Equipment And Supplies	755	17.18
All Other Wholesale Trade-nondurable Goods	410	9.33
Groceries And Related Supplies	355	8.08
Paper And Paper Products	330	7.51
Electrical Goods	290	6.60
Lumber And Other Building Materials Dealers	285	6.49
Hardware, And Plumbing And Heating Equipment And Supplies	245	5.58
Photographic Equipment And Supplies	225	5.12
All Other Nondurable Goods Manufacturing	170	3.87
Lumber And Other Construction Materials	150	3.41
All Other Wholesale Trade-durable Goods	135	3.07
All Other Durable Goods Manufacturing	125	2.84
All Other Service	95	2.16
All Other Printing And Publishing	90	2.05
All Other Personal Services	90	2.05

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Retail Trade Sales Representatives	13045	100.00
	Department Stores	2340	17.94
	Miscellaneous Shopping Goods Stores	1340	10.27
	All Other Apparel And Accessory Stores	1095	8.39
	Women's Ready-to-wear Stores	985	7.55
	Motor Vehicle Dealers (new And Used)	665	5.10
	Retail Bakeries	655	5.02
	Furniture, Home Furnishings, Equip Stores, Exc Appliances	540	4.14
	Food Stores	515	3.95
	All Other Food Stores	515	3.95
	Family Clothing Stores	465	3.57
	Miscellaneous Apparel And Accessory Stores	460	3.53
	Radio, Television And Music Stores	410	3.14
	All Other Wholesale And Retail Trade	340	2.61
	Retail Stores, Not Elsewhere Classified	325	2.49
	Drug Stores And Proprietary Stores	300	2.30
	All Other Building Materials And Garden Supplies	285	2.18
o	Salespersons, Parts	1160	100.00
	All Other Wholesale And Retail Trade	325	28.02
	Motor Vehicles And Automotive Parts And Supplies	190	16.38
	Motor Vehicle Dealers (new And Used)	170	14.65
	Automotive Repair Shops	145	12.50
	Machinery, Equipment And Supplies	135	11.64
	Electrical Goods	110	9.48
	Hardware, And Plumbing And Heating Equipment And Supplies	55	4.74
o	Counter And Rental Clerks	1460	100.00
	Miscellaneous Business Services	705	48.29
	Laundering, Cleaning And Garment Services	275	18.84
	Food Stores	180	12.33
	All Other Service	110	7.53
	All Other Personal Services	90	6.16
o	Stock Clerks, Sales Floor	4685	100.00
	Food Stores	2435	51.97
	Department Stores	370	7.90
	Liquor Stores	310	6.62
	Drug Stores And Proprietary Stores	230	4.91
	Family Clothing Stores	160	3.42
	Miscellaneous Shopping Goods Stores	160	3.42
	All Other Wholesale And Retail Trade	160	3.41
	All Other Building Materials And Garden Supplies	115	2.45
	Eating And Drinking Places	105	2.24
	All Other Apparel And Accessory Stores	95	2.03
o	Cashiers	9025	100.00
	Food Stores	3455	38.28
	Eating And Drinking Places	1160	12.85
	Drug Stores And Proprietary Stores	1095	12.13
	Department Stores	575	6.37
	Laundering, Cleaning And Garment Services	265	2.94
	Liquor Stores	245	2.72
	Amusement And Recreation Services	240	2.66
	Miscellaneous Shopping Goods Stores	225	2.49
	State Government, Except Education And Hospitals	225	2.49
	All Other Wholesale And Retail Trade	210	2.33
	All Other Service	210	2.33

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
Clerical & Administrative Support Occupations		
o First Line Supervisors - Clerical And Administrative Clerks	5055	100.00
All Other Transportation And Public Utilities	555	10.98
Miscellaneous Business Services	410	8.11
Commercial And Stock Savings Banks	320	6.33
Colleges, Universities, Professionl Schools, Junior Colleges	300	5.94
All Other Service	200	3.96
Machinery, Equipment And Supplies	180	3.56
Mutual Savings Banks	165	3.26
All Other Wholesale Trade-nondurable Goods	160	3.16
All Other Wholesale Trade-durable Goods	155	3.07
Electrical Goods	135	2.67
All Other Wholesale And Retail Trade	130	2.57
All Other Printing And Publishing	125	2.47
All Other Machinery, Except Electrical	115	2.27
All Other Nondurable Goods Manufacturing	115	2.27
All Other Insurance Carriers	110	2.18
Hospitals	110	2.18
Motor Vehicle Dealers (new And Used)	105	2.08
Eating And Drinking Places	105	2.08
o Tellers	2760	100.00
Commercial And Stock Savings Banks	1110	40.22
Mutual Savings Banks	995	36.05
Savings And Loan Associations	410	14.85
All Other Credit Agencies Other Than Banks	240	8.70
o Loan And Credit Clerks	450	100.00
Commercial And Stock Savings Banks	165	36.67
All Other Credit Agencies Other Than Banks	115	25.55
Mutual Savings Banks	95	21.11
Savings And Loan Associations	75	16.67
o Adjustment Clerks	700	100.00
Department Stores	140	20.00
Nondurable Goods Manufacturing	125	17.86
Finance, Insurance And Real Estate	100	14.29
All Other Wholesale And Retail Trade	95	13.57
All Other Instruments And Related Products	80	11.43
All Other Electrical And Electronic Equipment	60	8.57
o Insurance Policy Processing Clerks	360	100.00
Insurance Agents, Brokers And Service	235	65.28
All Other Finance, Insurance And Real Estate	65	18.05
Accident And Health Insurance And Medical Service Plans	60	16.67
o Bill And Account Collectors	540	100.00
Miscellaneous Business Services	220	40.74
All Other Service	145	26.85
Finance, Insurance And Real Estate	75	13.89
Wholesale And Retail Trade	65	12.04
o Library Assistants And Bookmobile Drivers	1215	100.00
All Other Educational Services	675	55.56
Colleges, Universities, Professionl Schools, Junior Colleges	385	31.69
Local Government, Except Education And Hospitals	150	12.34

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Teacher Aides And Education Assistants	705	100.00
	Elementary And Secondary Schools	320	45.39
	Colleges, Universities, Professional Schools	210	29.79
	Junior Colleges	125	17.73
	Child Day Care Services	50	7.09
	All Other Service		
o	Medical Secretaries	735	100.00
	Office Of Physicians	240	32.66
	Office Of Dentists	230	31.29
	Hospitals	210	28.57
	All Other Health Services	55	7.48
o	Secretaries	12415	100.00
	Colleges, Universities, Professional Schools, Junior Colleges	1915	15.43
	Miscellaneous Business Services	805	6.48
	Hospitals	555	4.47
	Computer And Data Processing Services	540	4.35
	Personnel Supply Services	500	4.03
	Noncommercial Educational, Scientific, Research Organizations	410	3.30
	Local Government, Except Education And Hospitals	395	3.18
	Machinery, Equipment And Supplies	390	3.14
	All Other Service	390	3.14
	Engineering, Architectural And Surveying Services	340	2.74
	All Other Durable Goods Manufacturing	325	2.62
	Elementary And Secondary Schools	310	2.50
	Commercial And Stock Savings Banks	270	2.18
	Electronic Components And Accessories	250	2.01
o	Receptionists And Information Clerks	2290	100.00
	All Other Service	210	9.17
	Hospitals	200	8.73
	All Other Finance, Insurance And Real Estate	185	8.08
	Personnel Supply Services	160	6.99
	Noncommercial Educational, Scientific, Research Organizations	150	6.55
	Beauty Shops	135	5.90
	Office Of Physicians	135	5.90
	Office Of Dentists	115	5.02
	Durable Goods Manufacturing	110	4.80
	Miscellaneous Business Services	105	4.59
	All Other Wholesale Trade-durable Goods	100	4.37
	All Other Wholesale And Retail Trade	85	3.71
	Computer And Data Processing Services	85	3.71
	Trucking, Local And Long Distance	80	3.49
	All Other Health Services	75	3.28
	All Other Wholesale Trade-nondurable Goods	65	2.84
o	Typists And Word Processors	2620	100.00
	Personnel Supply Services	520	19.85
	Engineering, Architectural And Surveying Services	220	8.40
	Computer And Data Processing Services	215	8.21
	All Other Service	185	7.06
	Hospitals	175	6.68
	Individual And Family Social Services	160	6.11
	All Other Finance, Insurance And Real Estate	140	5.35
	All Other Durable Goods Manufacturing	125	4.77
	Miscellaneous Business Services	85	3.24

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
Commercial Printing	80	3.05
All Other Instruments And Related Products	75	2.86
Machinery, Equipment And Supplies	75	2.86
Noncommercial Educational, Scientific, Research Organizations	75	2.86
All Other Nondurable Goods Manufacturing	70	2.67
Local Government, Except Education And Hospitals	70	2.67
All Other Wholesale And Retail Trade	65	2.48
All Other Wholesale Trade-durable Goods	55	2.10
Elementary And Secondary Schools	55	2.10
o Order Clerks - Materials, Merchandise And Service	1450	100.00
All Other Wholesale Trade-nondurable Goods	210	14.48
Machinery, Equipment And Supplies	165	11.38
Family Clothing Stores	140	9.66
Nondurable Goods Manufacturing	115	7.93
All Other Wholesale And Retail Trade	115	7.93
Electrical Goods	100	6.90
Paper And Paper Products	95	6.55
All Other Wholesale Trade-durable Goods	80	5.52
All Other Durable Goods Manufacturing	70	4.83
All Other Business Services	65	4.48
All Other Instruments And Related Products	55	3.79
Department Stores	55	3.79
o Interview Clerks, Except Personnel And Welfare	910	100.00
Miscellaneous Business Services	700	76.92
Hospitals	140	15.39
o Bookkeeping, Accounting, Auditing Clerks	7580	100.00
Personnel Supply Services	590	7.78
All Other Service	295	3.89
Local Government, Except Education And Hospitals	265	3.50
Machinery, Equipment And Supplies	210	2.77
Food Stores	200	2.64
All Other Apparel And Accessory Stores	185	2.44
Commercial And Stock Savings Banks	185	2.44
Miscellaneous Business Services	185	2.44
All Other Wholesale Trade-nondurable Goods	180	2.38
All Other Durable Goods Manufacturing	170	2.24
Trucking, Local And Long Distance	170	2.24
All Other Construction	160	2.11
Colleges, Universities, Professional Schools, Junior Colleges	160	2.11
Eating And Drinking Places	155	2.05
All Other Finance, Insurance And Real Estate	155	2.05
o Payroll And Timekeeping Clerks	535	100.00
All Other Service	105	19.63
Durable Goods Manufacturing	95	17.76
Wholesale And Retail Trade	70	13.08
All Other Health Services	65	12.15
Personnel Supply Services	60	11.21
Nondurable Goods Manufacturing	55	10.28
o Billing, Cost And Rate Clerks	1205	100.00
Hospitals	180	14.94
All Other Wholesale Trade-durable Goods	145	12.03
Durable Goods Manufacturing	110	9.13

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
All Other Wholesale And Retail Trade	105	8.72
Trucking, Local And Long Distance	100	8.30
All Other Transportation And Public Utilities	95	7.88
All Other Service	85	7.05
All Other Wholesale Trade-nondurable Goods	80	6.64
All Other Miscellaneous Services	70	5.81
Office Of Physicians	65	5.39
Motor Vehicle Dealers (new And Used)	60	4.98
Finance, Insurance And Real Estate	60	4.98
Nondurable Goods Manufacturing	50	4.15
o General Office Clerk	7070	100.00
Local Government, Except Education And Hospitals	475	6.72
Commercial And Stock Savings Banks	445	6.29
All Other Transportation And Public Utilities	350	4.95
Personnel Supply Services	325	4.60
Hospitals	265	3.75
All Other Wholesale Trade-nondurable Goods	250	3.54
All Other Service	245	3.46
Machinery, Equipment And Supplies	230	3.25
Elementary And Secondary Schools	205	2.90
Trucking, Local And Long Distance	200	2.83
All Other Miscellaneous Retail Stores	195	2.76
All Other Durable Goods Manufacturing	175	2.47
Electrical Goods	170	2.40
Groceries And Related Supplies	140	1.98
Motor Vehicle Dealers (new And Used)	140	1.98
Insurance Agents, Brokers And Service	140	1.98
Miscellaneous Business Services	140	1.98
All Other Finance, Insurance And Real Estate	135	1.91
All Other Construction	130	1.84
Special Industry Machinery	125	1.77
All Other Wholesale Trade-durable Goods	125	1.77
Furniture, Home Furnishings, Equip Stores, Exc Appliances	125	1.77
o Billing, Posting And Calculating Machine Operators	435	100.00
All Other Service	95	21.84
All Other Wholesale Trade-nondurable Goods	75	17.24
All Other Wholesale Trade-durable Goods	60	13.79
Office Of Physicians	55	12.65
Trucking, Local And Long Distance	50	11.49
All Other Banking	50	11.49
o Computer Operators, Except Peripheral Equipment	1225	100.00
Computer And Data Processing Services	245	20.00
State Government, Except Education And Hospitals	155	12.65
Durable Goods Manufacturing	130	10.61
Colleges, Universities, Professional Schools, Junior Colleges	125	10.20
All Other Wholesale Trade-durable Goods	110	8.98
All Other Wholesale Trade-nondurable Goods	65	5.31
All Other Service	65	5.31
Family Clothing Stores	60	4.90
Commercial And Stock Savings Banks	50	4.08
Hospitals	50	4.08
Local Government, Except Education And Hospitals	50	4.08

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Data Entry Keyers, Except Composing	1845	100.00
	Miscellaneous Business Services	535	29.00
	Computer And Data Processing Services	285	15.45
	Personnel Supply Services	170	9.22
	All Other Wholesale Trade-durable Goods	105	5.69
	All Other Service	105	5.69
	Durable Goods Manufacturing	95	5.15
	All Other Wholesale And Retail Trade	85	4.51
	All Other Wholesale Trade-nondurable Goods	70	3.79
	All Other Miscellaneous Services	70	3.79
	Nondurable Goods Manufacturing	65	3.52
	Commercial And Stock Savings Banks	60	3.25
	Colleges, Universities, Professional Schools, Junior Colleges	60	3.25
	Hospitals	55	2.98
	Transportation And Public Utilities	50	2.71
o	Switchboard Operator	885	100.00
	Hospitals	215	24.29
	All Other Service	135	15.25
	Durable Goods Manufacturing	105	11.86
	All Other Business Services	80	9.04
	All Other Wholesale And Retail Trade	70	7.91
	All Other Banking	65	7.35
	All Other Wholesale Trade-durable Goods	60	6.78
	Department Stores	60	6.78
o	Production, Planning, Expediting Clerks	1025	100.00
	Electronic Components And Accessories	235	22.93
	All Other Durable Goods Manufacturing	180	17.56
	Special Industry Machinery	155	15.12
	Transportation And Public Utilities	105	10.24
	Mechanical Measuring And Controlling Instruments	80	7.80
	All Other Nondurable Goods Manufacturing	75	7.32
	Commercial Printing	60	5.85
	All Other Electrical And Electronic Equipment	55	5.37
	All Other Machinery, Except Electrical	50	4.88
o	Stock Clerks - Stockroom, Warehouse And Storage Yard	3110	100.00
	Personnel Supply Services	315	10.13
	Food Stores	270	8.68
	Lumber And Other Building Materials Dealers	240	7.72
	Nondurable Goods Manufacturing	175	5.63
	All Other Wholesale Trade-durable Goods	165	5.30
	Electrical Goods	160	5.14
	All Other Durable Goods Manufacturing	130	4.18
	Groceries And Related Supplies	130	4.18
	Household Appliance Stores	125	4.02
	Machinery, Equipment And Supplies	110	3.54
	Trucking, Local And Long Distance	105	3.38
	All Other Wholesale Trade-nondurable Goods	105	3.38
	All Other Instruments And Related Products	100	3.22
	Department Stores	100	3.21
	Hospitals	95	3.05
	Electronic Components And Accessories	90	2.89
	All Other Miscellaneous Retail Stores	90	2.89
	All Other Service	75	2.41
	Colleges, Universities, Professional Schools, Junior Colleges	65	2.09

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Order Fillers, Wholesale And Retail Sales	870	100.00
	All Other Wholesale Trade-nondurable Goods	230	26.44
	All Other Wholesale Trade-durable Goods	165	18.97
	Machinery, Equipment And Supplies	90	10.35
	Motor Vehicles And Automotive Parts And Supplies	80	9.19
	Groceries And Related Supplies	80	9.19
	Paper And Paper Products	75	8.62
	All Other Miscellaneous Retail Stores	70	8.05
o	Traffic, Shipping And Receiving Clerks	2455	100.00
	All Other Wholesale Trade-nondurable Goods	235	9.57
	Machinery, Equipment And Supplies	220	8.96
	All Other Wholesale And Retail Trade	165	6.72
	All Other Nondurable Goods Manufacturing	140	5.70
	All Other Machinery, Except Electrical	130	5.30
	All Other Durable Goods Manufacturing	115	4.68
	Groceries And Related Supplies	105	4.28
	Department Stores	95	3.87
	All Other Fabricated Metal Products	90	3.67
	All Other Wholesale Trade-durable Goods	90	3.67
	Computer And Data Processing Services	90	3.67
	Chemicals And Allied Products	80	3.26
	Electrical Goods	80	3.26
	All Other Service	75	3.05
	Electronic Components And Accessories	70	2.85
	Transportation And Public Utilities	70	2.85
	All Other Instruments And Related Products	65	2.65
	Apparel And Other Textile Products	65	2.65
	Lumber And Other Construction Materials	65	2.65
	All Other Business Services	65	2.65
	Miscellaneous Special Trade Contractors	60	2.44
	All Other Electrical And Electronic Equipment	60	2.44
Service Occupations			
o	Fire Fighters	990	100.00
	Local Government, Except Education And Hospitals	990	100.00
o	Police Detectives And Investigators	830	100.00
	Local Government, Except Education And Hospitals	830	100.00
o	Guards And Watch Guards	5875	100.00
	Miscellaneous Business Services	4565	77.70
	Colleges, Universities, Professional Schools, Junior Colleges	200	3.40
	Real Estate Agents And Managers	150	2.55
	Hospitals	140	2.38
	Family Clothing Stores	120	2.04
	All Other Durable Goods Manufacturing	115	1.96
	All Other Finance, Insurance And Real Estate	90	1.53
	All Other Service	90	1.53
	Eating And Drinking Places	85	1.45
	Department Stores	60	1.02
	Hotels, Motels And Tourist Courts	60	1.02
	Amusement And Recreation Services	60	1.02
o	Bartenders	1225	100.00
	Eating And Drinking Places	1025	83.67
	Hotels, Motels And Tourist Courts	150	12.25

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o Waiters And Waitresses	5785	100.00
Eating And Drinking Places	4805	83.06
Hotels, Motels And Tourist Courts	320	5.53
Hospitals	250	4.32
Nursing And Personal Care Facilities	125	2.16
All Other Wholesale And Retail Trade	70	1.21
Civic, Social, And Fraternal Associations	65	1.12
Retail Bakeries	60	1.04
Amusement And Recreation Services	60	1.04
o Dining Room, Counter And Cafe Attendants	1720	100.00
Eating And Drinking Places	1130	65.70
Food Stores	195	11.34
Retail Bakeries	160	9.30
Hospitals	70	4.07
All Other Service	65	3.78
All Other Educational Services	60	3.49
o Bakers, Bread And Pastry	675	100.00
Retail Bakeries	535	79.26
Eating And Drinking Places	65	9.63
Food Stores	60	8.89
o Butchers And Meat Cutters	580	100.00
Food Stores	305	52.59
Groceries And Related Supplies	200	34.48
o Cooks, Restaurant	1315	100.00
Eating And Drinking Places	1105	84.03
Hotels, Motels And Tourist Courts	175	13.31
o Cooks, Institution Or Cafe	690	100.00
Nursing And Personal Care Facilities	145	21.02
Elementary And Secondary Schools	130	18.84
Hospitals	95	13.77
All Other Social Services	95	13.77
Colleges, Universities, Professional Schools, Junior Colleges	90	13.04
o Cooks, Speciality Fast Food And Fast Food	1280	100.00
Eating And Drinking Places	1220	95.31
o Food Preparation Workers	2620	100.00
Eating And Drinking Places	1145	43.70
Elementary And Secondary Schools	405	15.46
Nursing And Personal Care Facilities	295	11.26
Hospitals	280	10.69
Hotels, Motels And Tourist Courts	205	7.82
All Other Service	115	4.39
Groceries And Related Supplies	55	2.10
All Other Wholesale And Retail Trade	55	2.10
Food Stores	50	1.91

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Dental Assistants	495	100.00
	Office Of Dentists	475	95.96
o	Nurse Aides, Orderlies And Attendants	3690	100.00
	Nursing And Personal Care Facilities	1635	44.31
	Hospitals	1315	35.64
	Personnel Supply Services	480	13.01
	All Other Health Services	120	3.25
	All Other Social Services	100	2.71
o	Home Health Aides	1120	100.00
	Personnel Supply Services	695	62.06
	All Other Health Services	220	19.64
	Nursing And Personal Care Facilities	125	11.16
	Individual And Family Social Services	55	4.91
o	Janitors And Cleaners	8535	100.00
	Services To Dwellings And Other Buildings	4505	52.78
	Colleges, Universities, Professional Schools, Junior Colleges	880	10.31
	Elementary And Secondary Schools	795	9.32
	Hospitals	295	3.46
	All Other Service	280	3.28
	Real Estate Agents And Managers	200	2.34
	All Other Wholesale And Retail Trade	175	2.05
	Mutual Savings Banks	135	1.58
	All Other Durable Goods Manufacturing	115	1.35
	Eating And Drinking Places	115	1.35
	Nursing And Personal Care Facilities	110	1.29
	Food Stores	100	1.17
o	Cosmetologists And Related	875	100.00
	Beauty Shops	800	91.43
o	Social Welfare Service Aides	465	100.00
	Individual And Family Social Services	265	56.99
	All Other Social Services	110	23.66
	All Other Health Services	75	16.13
o	Child Care Workers	345	100.00
	Child Day Care Services	110	31.88
	Individual And Family Social Services	100	28.99
	Civic, Social, And Fraternal Associations	65	18.84
	Elementary And Secondary Schools	50	14.49
o	Gardeners And Groundskeepers, Except Farm	545	100.00
	All Other Service	110	20.18
	All Other Finance, Insurance And Real Estate	100	18.35
	Local Government, Except Education And Hospitals	100	18.35
	Amusement And Recreation Services	90	16.51
	Real Estate Agents And Managers	85	15.60
	Colleges, Universities, Professional Schools, Junior Colleges	60	11.01

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
Prod., Construction & Machining Occupations		
o First Line Supervisors - Mechanics And Repairers	1395	100.00
All Other Wholesale And Retail Trade	220	15.77
Automotive Repair Shops	205	14.69
All Other Service	180	12.90
Motor Vehicle Dealers (new And Used)	140	10.04
Electric, Gas And Sanitary Services	125	8.96
All Other Transportation And Public Utilities	105	7.53
Machinery, Equipment And Supplies	90	6.45
Durable Goods Manufacturing	75	5.38
Electrical Goods	75	5.38
Local Government, Except Education And Hospitals	70	5.02
Nondurable Goods Manufacturing	55	3.94
Household Appliance Stores	55	3.94
o First Line Supervisors - Constuction And Related	725	100.00
Colleges, Universities, Professional Schools, Junior Colleges	205	28.28
All Other Construction	165	22.76
All Other Special Trade Contractors	135	18.62
General Building Contractors - Residential Buildings	80	11.03
Miscellaneous Special Trade Contractors	80	11.03
o First Line Supervisors - Production And Related	1815	100.00
Electronic Components And Accessories	495	27.27
All Other Durable Goods Manufacturing	185	10.19
All Other Nondurable Goods Manufacturing	185	10.19
All Other Food And Kindred Products	100	5.51
Mechanical Measuring And Controlling Instruments	95	5.23
All Other Fabricated Metal Products	80	4.41
Metalworking Machinery	80	4.41
All Other Electrical And Electronic Equipment	80	4.41
Commercial Printing	80	4.41
Fabricated Structural Metal Products	70	3.86
All Other Machinery, Except Electrical	70	3.86
Communication Equipment	65	3.58
All Other Instruments And Related Products	65	3.58
Chemicals And Allied Products	60	3.31
Special Industry Machinery	55	3.03
Miscellaneous Plastics Products	50	2.75
o Precision And Production Inspectors	2435	100.00
Electronic Components And Accessories	915	37.58
All Other Durable Goods Manufacturing	360	14.79
Mechanical Measuring And Controlling Instruments	160	6.57
Special Industry Machinery	125	5.13
Medical Instruments And Supplies	125	5.13
All Other Electrical And Electronic Equipment	115	4.72
Communication Equipment	110	4.52
Miscellaneous Plastics Products	105	4.31
All Other Nondurable Goods Manufacturing	105	4.31
All Other Machinery, Except Electrical	85	3.49
Metalworking Machinery	65	2.67
Cutlery, Hand Tools And Hardware	55	2.26
Photographic Equipment And Supplies	50	2.05

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o Machinery Maintenance Mechanics	350	100.00
All Other Durable Goods Manufacturing	155	44.29
Nondurable Goods Manufacturing	75	21.43
All Other Electrical And Electronic Equipment	55	15.71
o Maintenance Repairers, General Utility	3290	100.00
Local Government, Except Education And Hospitals	835	25.38
Real Estate Agents And Managers	325	9.88
All Other Service	230	6.99
All Other Wholesale And Retail Trade	190	5.77
Colleges, Universities, Professional Schools, Junior Colleges	170	5.17
Services To Dwellings And Other Buildings	140	4.25
All Other Finance, Insurance And Real Estate	130	3.95
Hotels, Motels And Tourist Courts	130	3.95
Construction	105	3.19
Miscellaneous Business Services	100	3.04
Hospitals	90	2.74
State Government, Except Education And Hospitals	85	2.58
All Other Nondurable Goods Manufacturing	80	2.43
All Other Printing And Publishing	75	2.28
Machinery, Equipment And Supplies	75	2.28
Amusement And Recreation Services	75	2.28
Transportation And Public Utilities	70	2.13
All Other Instruments And Related Products	65	1.98
All Other Wholesale Trade-nondurable Goods	65	1.98
Nursing And Personal Care Facilities	65	1.98
o Automotive Mechanics	2220	100.00
Automotive Repair Shops	775	34.91
Motor Vehicle Dealers (new And Used)	625	28.15
Gasoline Service Stations	245	11.04
All Other Wholesale And Retail Trade	205	9.23
Transportation And Public Utilities	95	4.28
Motor Vehicles And Automotive Parts And Supplies	75	3.38
All Other Service	70	3.15
Department Stores	55	2.48
Machinery, Equipment And Supplies	50	2.25
o Automotive Body And Related Repairers	680	100.00
Automotive Repair Shops	415	61.03
Motor Vehicle Dealers (new And Used)	195	28.68
All Other Wholesale And Retail Trade	50	7.35
o Bus And Truck Mechanics And Diesel Mechanics	565	100.00
Trucking, Local And Long Distance	220	38.94
All Other Wholesale And Retail Trade	85	15.04
Machinery, Equipment And Supplies	70	12.39
Service	70	12.39
All Other Wholesale Trade-durable Goods	55	9.74
o Data Processing Equipment Repairers	560	100.00
Machinery, Equipment And Supplies	280	50.00
Computer And Data Processing Services	265	47.32

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o Electronic Home Entertainment Equipment Repairers	355	100.00
Electrical Repair Shops	205	57.75
Radio, Television And Music Stores	80	22.53
All Other Wholesale And Retail Trade	60	16.90
o Electric Home Appliance And Power Tool Repairers	555	100.00
Household Appliance Stores	440	79.28
Electrical Repair Shops	60	10.81
All Other Wholesale And Retail Trade	55	9.91
o Electronics Repairers, Industrial Equipment	340	100.00
Electrical Repair Shops	305	89.71
o Heating, Air Conditioning, Refrigeration Mechs, Installers	1200	100.00
Electrical Repair Shops	440	36.67
All Other Miscellaneous Retail Stores	215	17.92
Plumbing, Heating (except Electric), Air Conditioning	195	16.25
All Other Wholesale Trade-nondurable Goods	95	7.92
Miscellaneous Special Trade Contractors	60	5.00
Household Appliance Stores	60	5.00
Hardware, And Plumbing And Heating Equipment And Supplies	50	4.17
o Carpenters	2625	100.00
All Other Construction	1100	41.91
General Building Contractors - Residential Buildings	995	37.90
Masonry, Stonework, Tile Setting And Plastering	270	10.29
Service	105	4.00
Durable Goods Manufacturing	60	2.29
o Drywall Installers And Tapers	670	100.00
Masonry, Stonework, Tile Setting And Plastering	440	65.67
Painting, Paper Hanging, And Decorating	225	33.58
o Electricians	1505	100.00
Electrical Work	1195	79.40
Durable Goods Manufacturing	90	5.98
Colleges, Universities, Professional Schools, Junior Colleges	90	5.98
All Other Service	50	3.32
o Brick Masons And Stone Masons	330	100.00
Masonry, Stonework, Tile Setting And Plastering	260	78.79
All Other Construction	70	21.21
o Painters, Paperhangers, Construction And Maintenance	905	100.00
Painting, Paper Hanging, And Decorating	510	56.35
Local Government, Except Education And Hospitals	130	14.37
Masonry, Stonework, Tile Setting And Plastering	65	7.18
Service	65	7.18
Finance, Insurance And Real Estate	55	6.08
All Other Construction	50	5.53

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Plumbers, Pipefitters And Steamfitters	1390	100.00
	Plumbing, Heating (except Electric), Air Conditioning	950	68.34
	All Other Service	210	15.11
	Electrical Work	95	6.83
	All Other Educational Services	50	3.60
o	Tool And Die Makers	340	100.00
	All Other Durable Goods Manufacturing	140	41.18
	Metalworking Machinery	120	35.29
	Cutlery, Hand Tools And Hardware	55	16.18
o	Machinists	1880	100.00
	All Other Durable Goods Manufacturing	670	35.64
	All Other Machinery, Except Electrical	245	13.03
	All Other Fabricated Metal Products	170	9.04
	Electronic Components And Accessories	140	7.45
	All Other Instruments And Related Products	120	6.38
	Metalworking Machinery	100	5.32
	All Other Wholesale Trade-durable Goods	90	4.79
	Special Industry Machinery	85	4.52
	All Other Electrical And Electronic Equipment	70	3.72
	Machinery, Equipment And Supplies	55	2.93
	Personnel Supply Services	55	2.93
o	Sheet Metal Workers	1115	100.00
	Miscellaneous Special Trade Contractors	29	26.46
	All Other Construction	290	26.01
	All Other Durable Goods Manufacturing	215	19.28
	Fabricated Structural Metal Products	180	16.14
	Plumbing, Heating (except Electric), Air Conditioning	65	5.83
	All Other Machinery, Except Electrical	55	4.93
o	Machine Tool Cutting Operators	450	100.00
	All Other Durable Goods Manufacturing	260	57.78
	Electronic Components And Accessories	120	26.67
	Mechanical Measuring And Controlling Instruments	70	15.55
o	Punching Machine Setters And Set-up Operators, Metal, Plasti	360	100.00
	Cutlery, Hand Tools And Hardware	205	56.95
	All Other Durable Goods Manufacturing	80	22.22
	Fabricated Structural Metal Products	70	19.44
o	Sheetmetal Machine Operator	495	100.00
	Fabricated Structural Metal Products	215	43.44
	All Other Durable Goods Manufacturing	145	29.29
	All Other Machinery, Except Electrical	125	25.25
o	Plastic Molding, Casting Machine Operators And Tenders	530	100.00
	Miscellaneous Plastics Products	500	94.34
o	Sewing Machine Operators, Garment	770	100.00
	Apparel And Other Textile Products	695	90.26
	Wholesale And Retail Trade	60	7.79

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Percent Distribution
	Employment	
o	Sewing Machine Operators, Non-garment	300 100.00
	Apparel And Other Textile Products	135 45.00
	All Other Nondurable Goods Manufacturing	70 23.34
	Durable Goods Manufacturing	55 18.33
o	Laundry And Drycleaning Machine Operators	350 100.00
	Laundry, Cleaning And Garment Services	145 41.43
	Nursing And Personal Care Facilities	135 38.57
o	Electronic Semiconductor Processors	710 100.00
	Electronic Components And Accessories	665 93.66
o	Packaging And Filling Machine Operators	475 100.00
	All Other Food And Kindred Products	140 29.48
	Chemicals And Allied Products	130 27.37
	Durable Goods Manufacturing	65 13.68
	All Other Nondurable Goods Manufacturing	60 12.63
	Groceries And Related Supplies	60 12.63
o	Electromechanical Equipment Assemblers - Prec	1375 100.00
	Medical Instruments And Supplies	445 32.36
	Electronic Components And Accessories	200 14.55
	Mechanical Measuring And Controlling Instruments	180 13.09
	All Other Electrical And Electronic Equipment	160 11.64
	All Other Machinery, Except Electrical	120 8.73
	All Other Durable Goods Manufacturing	115 8.36
	All Other Instruments And Related Products	90 6.54
	Metalworking Machinery	65 4.73
o	Electrical And Electronic Equipment Assembler	1420 100.00
	Electronic Components And Accessories	945 66.55
	Mechanical Measuring And Controlling Instruments	135 9.51
	Special Industry Machinery	120 8.45
	All Other Electrical And Electronic Equipment	90 6.34
	Office Computing Machinery	70 4.93
	All Other Machinery, Except Electrical	55 3.87
o	Electrical And Electronic Assemblers	1320 100.00
	All Other Electrical And Electronic Equipment	425 32.20
	Electronic Components And Accessories	300 22.73
	Communication Equipment	285 21.59
	Mechanical Measuring And Controlling Instruments	115 8.71
	Medical Instruments And Supplies	80 6.06
	All Other Machinery, Except Electrical	65 4.92
	All Other Durable Goods Manufacturing	50 3.79
o	Welders And Cutters	410 100.00
	All Other Durable Goods Manufacturing	155 37.80
	All Other Machinery, Except Electrical	75 18.29
	All Other Wholesale Trade-durable Goods	70 17.07

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Assemblers, Fabricators - Exc Mach, Electrc, Electrnc, Prec	2110	100.00
	All Other Durable Goods Manufacturing	550	26.07
	Miscellaneous Plastics Products	370	17.53
	All Other Electrical And Electronic Equipment	220	10.43
	Mechanical Measuring And Controlling Instruments	170	8.06
	Fabricated Structural Metal Products	120	5.69
	Paper And Allied Products	110	5.21
	All Other Machinery, Except Electrical	105	4.97
	All Other Nondurable Goods Manufacturing	95	4.50
	All Other Wholesale And Retail Trade	80	3.79
	Medical Instruments And Supplies	70	3.32
	Electrical Goods	60	2.84
	Electronic Components And Accessories	55	2.61
	All Other Wholesale Trade-durable Goods	55	2.61
	Miscellaneous Shopping Goods Stores	50	2.37
o	Truck Drivers, Heavy	3760	100.00
	Trucking, Local And Long Distance	1730	46.01
	All Other Wholesale Trade-nondurable Goods	375	9.97
	Lumber And Other Construction Materials	225	5.98
	Groceries And Related Supplies	185	4.92
	Miscellaneous Special Trade Contractors	180	4.79
	All Other Miscellaneous Retail Stores	160	4.26
	All Other Construction	155	4.12
	Machinery, Equipment And Supplies	120	3.19
	Lumber And Other Building Materials Dealers	115	3.06
	Durable Goods Manufacturing	100	2.66
	All Other Wholesale And Retail Trade	95	2.53
	Nondurable Goods Manufacturing	90	2.39
	All Other Transportation And Public Utilities	85	2.26
	All Other Wholesale Trade-durable Goods	75	2.00
o	Truck Drivers, Light - Including Delivery And Route Drivers	3310	100.00
	Trucking, Local And Long Distance	565	17.07
	Groceries And Related Supplies	355	10.73
	All Other Transportation And Public Utilities	315	9.52
	All Other Wholesale Trade-nondurable Goods	255	7.70
	All Other Wholesale And Retail Trade	195	5.89
	All Other Service	170	5.14
	Automotive Repair Shops	160	4.83
	Motor Vehicles And Automotive Parts And Supplies	115	3.47
	Durable Goods Manufacturing	110	3.32
	Miscellaneous Business Services	100	3.02
	All Other Furniture And Home Furnishing Stores	85	2.57
	Machinery, Equipment And Supplies	75	2.27
	All Other Wholesale Trade-durable Goods	75	2.27
	General Building Contractors - Residential Buildings	70	2.12
	Electrical Goods	70	2.12
	All Other Food And Kindred Products	65	1.96
	Furniture, Home Furnishings, Equip Stores, Exc Appliances	65	1.96
o	Driver/sales Workers	535	100.00
	Eating And Drinking Places	230	42.99
	Laudry, Cleaning And Garment Services	130	24.30
	All Other Miscellaneous Retail Stores	65	12.15
	All Other Printing And Publishing	55	10.28

Table B:
Metro North
Employment in
Selected Occupations
by Industry

		Employment	Percent Distribution
o	Service Station Attendants	830	100.00
	Gasoline Service Stations Service	730	87.95
		65	7.83
o	Industrial Truck And Tractor Operators	565	100.00
	All Other Transportation And Public Utilities	140	24.78
	Nondurable Goods Manufacturing	90	15.93
	Trucking, Local And Long Distance	90	15.93
	All Other Wholesale Trade-durable Goods	85	15.04
	All Other Wholesale And Retail Trade	80	14.16
	Durable Goods Manufacturing	60	10.62
o	Construction Trades Helpers	2015	100.00
	All Other Construction	790	39.21
	Electrical Work	435	21.59
	Masonry, Stonework, Tile Setting And Plastering	380	18.86
	General Building Contractors - Residential Buildings	235	11.66
	Plumbing, Heating (except Electric), Air Conditioning	175	8.68
o	Machine Feeders And Offbearers	680	100.00
	Laundry, Cleaning And Garment Services	175	25.74
	Sugar And Confectionery Products	110	16.18
	All Other Nondurable Goods Manufacturing	100	14.71
	All Other Durable Goods Manufacturing	80	11.76
	Electronic Components And Accessories	75	11.03
	Medical Instruments And Supplies	70	10.29
	Commercial Printing	70	10.29
o	Hand Packers And Packagers	2815	100.00
	Family Clothing Stores	705	25.04
	Groceries And Related Supplies	305	10.84
	Trucking, Local And Long Distance	280	9.95
	Food Stores	185	6.57
	Personnel Supply Services	165	5.86
	Sugar And Confectionery Products	140	4.97
	All Other Durable Goods Manufacturing	130	4.62
	Miscellaneous Plastics Products	110	3.91
	All Other Food And Kindred Products	105	3.73
	All Other Electrical And Electronic Equipment	100	3.55
	All Other Nondurable Goods Manufacturing	85	3.02
	All Other Wholesale Trade-durable Goods	85	3.02
	Chemicals And Allied Products	80	2.84
	Machinery, Equipment And Supplies	65	2.31
	Medical Instruments And Supplies	60	2.13
	All Other Wholesale Trade-nondurable Goods	60	2.13
	All Other Wholesale And Retail Trade	55	1.95
	All Other Printing And Publishing	50	1.78

Table C:
Metro North
Employment in
Selected Industries
by Occupation

Construction Industries		Employment	Percent
			Distribution
General Building Contractors - Residential Buildings	2425	100.00	
Carpenters	1000	41.24	
Helpers, All Other Construction Trades	235	9.69	
General Managers And Top Executives	180	7.42	
Construction Managers	150	6.18	
All Other Helpers, Laborers, Movers - Hand	125	5.15	
Bookkeeping, Accounting, Auditing Clerks	120	4.95	
Secretaries, Stenographers And Typists	105	4.33	
Plumbing, Heating (except Electric), Air Conditioning	2190	100.00	
Plumbers, Pipefitters And Steamfitters	950	43.38	
Heating, Air Conditioning, Refrigeration Mechs, Installers	195	8.90	
Helpers, All Other Construction Trades	180	8.22	
Secretaries, Stenographers And Typists	130	5.94	
Bookkeeping, Accounting, Auditing Clerks	130	5.94	
Painting, Paper Hanging, And Decorating	1085	100.00	
Painters, Paperhanglers, Construction And Maintenance	510	47.01	
Drywall Installers And Tapers	225	20.74	
Electrical Work	2775	100.00	
Electricians	1195	43.06	
Helpers, All Other Construction Trades	435	15.68	
General Managers And Top Executives	130	4.69	
Secretaries, Stenographers And Typists	130	4.69	
Bookkeeping, Accounting, Auditing Clerks	130	4.69	
All Other Professional, Paraprofessional And Technicians	120	4.33	
Masonry, Stonework, Tile Setting And Plastering	1925	100.00	
Drywall Installers And Tapers	440	22.86	
Helpers, All Other Construction Trades	380	19.74	
Carpenters	270	14.03	
Brick Masons And Stone Masons	260	13.50	
All Other Construction And Extractive Occupations	100	5.19	
Miscellaneous Special Trade Contractors	1985	100.00	
Sheet Metal Workers	295	14.86	
Grading, Dozing And Scraper Operators	245	12.34	
Reinforcing Metal Workers	230	11.59	
Truck Drivers, Heavy	180	9.07	
Hand Working Occupations, Including Assemblers, Fabricators	120	6.05	
Pipelayers	110	5.54	
All Other Clerical And Administrative Support Workers	105	5.29	
All Other Construction	4885	100.00	
Carpenters	1070	21.90	
Helpers, All Other Construction Trades	755	15.46	
All Other Construction And Extractive Occupations	305	6.24	
Sheet Metal Workers	290	5.94	
General Managers And Top Executives	270	5.53	

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Percent Distribution
	Employment	
	All Other Helpers, Laborers, Movers - Hand	250
	Secretaries, Stenographers And Typists	215
	Construction Managers	165
	First Line Supervisors - Construction And Related	165
	Bookkeeping, Accounting, Auditing Clerks	160
	Operating Engineers	140
	Roofers	125
	Financial Managers	120
Manufacturing Industries	Cutlery, Hand Tools And Hardware	1020
	Punching Machine Setters And Set-up Operators, Metal, Plastic	205
	All Other Metal And Plastic Machine Operators And Tenders	170
	Clerical And Administrative Support Occupations	105
	Managerial And Administrative Occupations	80
	All Other Precision Workers	80
	Electrolytic Plating And Coating Machine Operators, Tenders	80
	Fabricated Structural Metal Products	1465
	Sheetmetal Machine Operator	215
	Sheet Metal Workers	180
Manufacturing Industries	All Other Metal, Plastic Machine Setters, Set-up Operators	135
	Assemblers, Fabricators - Exc Mach, Electrc, Electrnc, Prec	125
	Managerial And Administrative Occupations	115
	All Other Clerical And Administrative Support Workers	105
	Professional, Paraprofessional And Technical Occupations	100
	All Other Fabricated Metal Products	1520
	All Other Metal, Plastic Machine Setters, Set-up Operators	220
	Machinists	155
	All Other Precision Workers	110
	Helpers, Laborers And Related	105
Manufacturing Industries	All Other Clerical And Administrative Support Workers	95
	Metalworking Machinery	1470
	All Other Clerical And Administrative Support Workers	165
	Tool And Die Makers	120
	All Other Metal, Plastic Machine Setters, Set-up Operators	115
Manufacturing Industries	Machinists	100
	All Other Metal And Plastic Machine Operators And Tenders	90
	Special Industry Machinery	3610
	Mechanics, Installers And Repairers	420
	All Other Clerical And Administrative Support Workers	310
	Electrical, Electronic Engineering Technicians, Technologists	290
	Sales Reps, Scientific And Related Products And Services	215
	Electrical And Electronic Engineers	170
	All Other Sales And Related Workers	170
	Production, Planning, Expediting Clerks	155
	General Office Clerk	125
	Precision And Production Inspectors	125
	Electrical And Electronic Equipment Assembler	120
	Marketing, Advertising And Related Managers	115
	Management Support Occupations	115
	All Other Professional, Paraprofessional And Technicians	110
	All Other Managers And Administrators	100
	All Other Hand Workers	100

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Employment	Percent Distribution
o	Office Computing Machinery	2255	100.00
	Electrical And Electronic Engineers	245	10.86
	All Other Clerical And Administrative Support Workers	190	8.43
	All Other Professional, Paraprofessional And Technicians	165	7.32
	Systems Analysts, Electronic Data Processing	160	7.10
	All Other Managers And Administrators	150	6.65
	Precision Production Occupations	150	6.65
	Secretaries, Stenographers And Typists	130	5.76
	Sales And Related Occupations	115	5.10
	All Other Hand Workers	110	4.88
	Management Support Occupations	105	4.66
o	All Other Machinery, Except Electrical	1975	100.00
	Machinists	225	11.39
	All Other Precision Workers	150	7.60
	General Managers And Top Executives	145	7.34
	All Other Hand Workers	135	6.83
	All Other Clerical And Administrative Support Workers	120	6.08
	All Other Metal, Plastic Machine Setters, Set-up Operators	110	5.57
	All Other Managers And Administrators	95	4.81
	Engineering And Related Technicians And Technologists	95	4.81
o	Communication Equipment	1610	100.00
	Electrical And Electronic Assemblers	285	17.70
	Managerial And Administrative Occupations	180	11.18
	Electrical And Electronic Engineers	130	8.08
	Electrical, Electronic Engineering Technicians, Technologists	115	7.14
	All Other Clerical And Administrative Support Workers	110	6.83
	Precision And Production Inspectors	110	6.83
	All Other Professional, Paraprofessional And Technicians	100	6.21
o	Electronic Components And Accessories	10325	100.00
	Electrical And Electronic Equipment Assembler	945	9.15
	Precision And Production Inspectors	915	8.86
	Electrical, Electronic Engineering Technicians, Technologists	870	8.43
	Electrical And Electronic Engineers	680	6.59
	Electronic Semiconductor Processors	665	6.44
	First Line Supervisors - Production And Related	495	4.80
	Electrical And Electronic Assemblers	300	2.91
	Industrial Production Managers	290	2.81
	Secretaries, Stenographers And Typists	250	2.42
	Production, Planning, Expediting Clerks	235	2.28
	All Other Clerical And Administrative Support Workers	230	2.23
	All Other Machine Operators	230	2.23
	Electromechanical Equipment Assemblers - Pre	200	1.94
	Industrial And Safety Engineers	185	1.79
	All Other Professional, Paraprofessional And Technicians	185	1.79
	All Other Management Support Workers	180	1.74
	All Other Hand Workers	180	1.74
	General Managers And Top Executives	165	1.60
	Engineering, Mathematical And Natural Science Managers	150	1.45
	All Other Metal And Plastic Machine Operators And Tenders	150	1.45
	All Other Engineers	145	1.40
	All Other Sales And Related Workers	140	1.36
	Machinists	140	1.36
	Drafters	125	1.21
	Sales Engineers	125	1.21

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Percent Distribution
	Employment	
Machine Tool Cutting Operators	120	1.16
Numerical Control Machine Tool Operators, Tenders, Met, Plas	120	1.16
Bookkeeping, Accounting, Auditing Clerks	115	1.11
Electrolytic Plating And Coating Machine Operators, Tenders	110	1.07
Solderers And Brazers	110	1.07
Marketing, Advertising And Related Managers	105	1.02
o All Other Electrical And Electronic Equipment	2555	100.00
Electrical And Electronic Assemblers	425	16.63
All Other Clerical And Administrative Support Workers	245	9.59
Assemblers, Fabricators - Exc Mach, Electrc, Electrnc, Prec	215	8.42
All Other Managers And Administrators	205	8.02
All Other Professional, Paraprofessional And Technicians	145	5.67
Electromechanical Equipment Assemblers - Prec	130	5.09
Precision And Production Inspectors	115	4.50
General Managers And Top Executives	90	3.52
Material Recording, Scheduling, Dispatching, Distributing	90	3.52
All Other Metal, Plastic Machine Setters, Set-up Operators	90	3.52
o Mechanical Measuring And Controlling Instruments	3690	100.00
All Other Clerical And Administrative Support Workers	295	7.99
All Other Managers And Administrators	245	6.64
All Other Professional, Paraprofessional And Technicians	235	6.37
Electromechanical Equipment Assemblers - Prec	180	4.88
Assemblers, Fabricators - Exc Mach, Electrc, Electrnc, Prec	170	4.61
Precision And Production Inspectors	160	4.34
All Other Hand Workers	140	3.79
Electrical And Electronic Engineers	135	3.66
All Other Engineering Technicians And Technologists	135	3.66
Electrical And Electronic Equipment Assembler	135	3.66
Secretaries, Stenographers And Typists	130	3.52
All Other Precision Workers	125	3.39
All Other Machine Operators	125	3.39
Management Support Occupations	120	3.25
All Other Engineers	120	3.25
Electrical And Electronic Assemblers	115	3.12
Electrical, Electronic Engineering Technicians, Technologists	105	2.85
Sales Engineers	105	2.85
Mechanical Engineers	100	2.71
o Medical Instruments And Supplies	2190	100.00
Electromechanical Equipment Assemblers - Prec	445	20.32
All Other Clerical And Administrative Support Workers	230	10.50
Precision Instrument Repairers	145	6.62
Sales Reps, Scientific And Related Products And Services	140	6.39
Medical Appliance Makers	140	6.39
Managerial And Administrative Occupations	125	5.71
Precision And Production Inspectors	125	5.71
Engineers	105	4.80
o Photographic Equipment And Supplies	2760	100.00
All Other Managers And Administrators	395	14.31
All Other Engineers	285	10.33
All Other Professional, Paraprofessional And Technicians	240	8.70
Sales Reps, Exc Scientific And Related Products Or Services	225	8.15
All Other Clerical And Administrative Support Workers	225	8.15
Secretaries, Stenographers And Typists	170	6.16
Mechanics, Installers And Repairers	115	4.17

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Employment	Percent Distribution
o	All Other Instruments And Related Products	1155	100.00
	Clerical And Administrative Support Occupations	200	17.32
	All Other Precision Workers	110	9.52
	All Other Sales And Related Workers	105	9.09
	All Other Hand Workers	100	8.66
	Engineers	95	8.23
o	All Other Durable Goods Manufacturing	9140	100.00
	Machinists	670	7.33
	Mechanical Engineers	480	5.25
	Assemblers, Fabricators - Exc Mach, Electrc, Electrnc, Prec	475	5.20
	All Other Professional, Paraprofessional And Technicians	365	3.99
	All Other Machine Operators	330	3.61
	All Other Management Support Workers	300	3.28
	Secretaries, Stenographers And Typists	280	3.06
	Precision And Production Inspectors	275	3.01
	General Managers And Top Executives	265	2.90
	Electrical And Electronic Engineers	250	2.73
	Cabinetmakers And Bench Carpenters	225	2.46
	All Other Clerical And Administrative Support Workers	210	2.30
	Lathe, Turning Mach Tool Setters, Set-up Operators, Metal, Pl	210	2.30
	All Other Helpers, Laborers, Movers - Hand	195	2.13
	Industrial Production Managers	190	2.08
	First Line Supervisors - Production And Related	185	2.02
	Sheet Metal Workers	175	1.91
	Accountants, Auditors And Other Financial Specialists	170	1.86
	Bookkeeping, Accounting, Auditing Clerks	170	1.86
	All Other Metal, Plastic Machine Setters, Set-up Operators	165	1.81
	All Other Hand Workers	165	1.81
	All Other Managers And Administrators	160	1.75
	Machine Tool Cutting Operators	155	1.70
	All Other Metal And Plastic Machine Operators And Tenders	145	1.59
	All Other Material Moving Equipment Operators	145	1.59
	General Office Clerk	130	1.42
	All Other Precision Workers	130	1.42
	Precision Tool Grinders, Filers, Sharpeners	125	1.37
	Traffic, Shipping And Receiving Clerks	115	1.26
	Milling, Planing Machine Setters, Set-up Ops, Metal, Plastic	115	1.26
	Electromechanical Equipment Assemblers - Prec	115	1.26
	Mechanics, Installers And Repairers	110	1.20
	Purchasing Agents - Exc Wholesale, Retail & Farm Products	100	1.09
	Janitors And Cleaners	100	1.09
	Production, Planning, Expediting Clerks	95	1.04
	All Other Precision Metal Workers	95	1.04
o	Sugar And Confectionery Products	1010	100.00
	All Other Helpers, Laborers, Movers - Hand	265	26.24
	All Other Machine Operators	145	14.36
	Hand Packers And Packagers	140	13.86
	Precision Production Occupations	120	11.88
	Machine Feeders And Offbearers	110	10.89
	Clerical And Administrative Support Occupations	55	5.45
o	All Other Food And Kindred Products	1925	100.00
	All Other Helpers, Laborers, Movers - Hand	195	10.13
	Bakers, Manufacturing	175	9.09
	All Other Machine Operators	135	7.01

Table C:
Metro North
Employment in
Selected Industries
by Occupation

	Employment	Percent Distribution
All Other Clerical And Administrative Support Workers	130	6.75
All Other Precision Workers	115	5.97
Packaging And Filling Machine Operators	110	5.71
Hand Packers And Packagers	105	5.45
o Apparel And Other Textile Products	1590	100.00
Sewing Machine Operators, Garment	695	43.71
All Other Clerical And Administrative Support Workers	165	10.38
Sewing Machine Operators, Non-garment	135	8.49
Managerial And Administrative Occupations	95	5.98
Helpers, Laborers And Related	95	5.98
o Paper And Allied Products	1480	100.00
Helpers, Laborers And Related	300	20.27
All Other Machine Operators	225	15.20
Paper Goods Machine Setters And Set-up Operators	185	12.50
All Other Clerical And Administrative Support Workers	150	10.13
Assemblers, Fabricators - Exc Mach, Electrcl, Electrnc, Prec	110	7.43
Managerial And Administrative Occupations	105	7.09
Printing Press Machine Setters And Set-up Operators	70	4.73
o Commercial Printing	2855	100.00
All Other Clerical And Administrative Support Workers	245	8.58
Offset Lithographic Press Setters	225	7.88
Precision Lithography And Photoengraving Workers	185	6.48
Printing Press Machine Operators	180	6.30
General Managers And Top Executives	165	5.78
All Other Precision Workers	145	5.08
All Other Sales And Related Workers	105	3.68
Professional, Paraprofessional And Technical Occupations	100	3.50
All Other Managers And Administrators	95	3.33
Typesetting And Composing Machine Operators And Tenders	95	3.33
o All Other Printing And Publishing	2435	100.00
All Other Professional, Paraprofessional And Technicians	290	11.91
All Other Clerical And Administrative Support Workers	220	9.04
Writers And Editors, Including Technical Writers	215	8.83
General Managers And Top Executives	175	7.19
Typesetting And Composing Machine Operators And Tenders	140	5.75
Secretaries, Stenographers And Typists	130	5.34
All Other Precision Workers	125	5.13
o Chemicals And Allied Products	2575	100.00
All Other Clerical And Administrative Support Workers	170	6.60
All Other Machine Operators	170	6.60
Crushing, Grinding, Mixing, Blending Machine Ops And Tenders	160	6.22
All Other Managers And Administrators	150	5.83
Secretaries, Stenographers And Typists	145	5.63
All Other Precision Workers	135	5.24
Packaging And Filling Machine Operators	130	5.05
Chemical Technicians, Technologists, Exc Health, Engineering	110	4.27
o Miscellaneous Plastics Products	2245	100.00
Plastic Molding, Casting Machine Operators And Tenders	500	22.27
Assemblers, Fabricators - Exc Mach, Electrcl, Electrnc, Prec	375	16.70
Managerial And Administrative Occupations	150	6.68

Table C:
Metro North
Employment in
Selected Industries
by Occupation

	Employment	Percent Distribution
All Other Clerical And Administrative Support Workers	120	5.35
Hand Packers And Packagers	110	4.90
Precision And Production Inspectors	105	4.68
Professional, Paraprofessional And Technical Occupations	100	4.45
Mechanics, Installers And Repairers	95	4.23
All Other Machine Operators	95	4.23
o All Other Nondurable Goods Manufacturing	2160	100.00
All Other Machine Operators	340	15.74
All Other Clerical And Administrative Support Workers	195	9.03
Helpers, Laborers And Related	170	7.87
All Other Managers And Administrators	150	6.94
All Other Sales And Related Workers	130	6.02
Transportation, Communications & Utilities		
o Local And Interurban Passenger Transportation	1730	100.00
Taxi Drivers And Chauffeurs	390	22.54
Emergency Medical Technicians	305	17.63
Bus Drivers	260	15.03
Ambulance Drivers And Attendants, Except Emt's	250	14.45
All Other Clerical And Administrative Support Workers	135	7.80
o Trucking, Local And Long Distance	5070	100.00
Truck Drivers, Heavy	1730	34.12
Truck Drivers, Light - Including Delivery And Route Drivers	570	11.24
Hand Packers And Packagers	280	5.52
Bus And Truck Mechanics And Diesel Mechanics	220	4.34
All Other Sales Representatives, Service	205	4.04
General Office Clerk	200	3.95
Bookkeeping, Accounting, Auditing Clerks	170	3.35
First Line Supervisors - Transportation And Related Communications, Transportation, Utilities Operations Managers	170	3.35
145	2.86	
o Arrangement Of Transportation	1440	100.00
Travel Agents	705	48.96
All Other Clerical And Administrative Support Workers	210	14.58
Managerial And Administrative Occupations	95	6.60
First Line Supervisors - Clerical And Administrative Clerks	90	6.25
All Other Sales And Related Workers	80	5.56
General Office Clerk	75	5.21
Bookkeeping, Accounting, Auditing Clerks	65	4.51
o Electric, Gas And Sanitary Services	1965	100.00
Electric Powerline Installers And Repairers	335	17.05
All Other Clerical And Administrative Support Workers	175	8.91
Gas Appliance Repairers	150	7.63
Meter Readers, Utilities	135	6.87
First Line Supervisors - Mechanics And Repairers	125	6.36
All Other Mechanics, Installers And Repairers	110	5.60
All Other Professional, Paraprofessional And Technicians	95	4.84
o All Other Transportation And Public Utilities	3880	100.00
First Line Supervisors - Clerical And Administrative Clerks	495	12.76
General Office Clerk	320	8.25
Station Installers And Repairers, Telephone	265	6.83
Professional, Paraprofessional And Technical Occupations	245	6.31
All Other Clerical And Administrative Support Workers	245	6.31

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Percent Employment	Distribution
	Truck Drivers, Light - Including Delivery And Route Drivers	240	6.19
	Central Office And Pbx Installers And Repairers	195	5.03
	Sales Occupations, Services	160	4.12
	Communications, Transportation, Utilities Operations Managers	150	3.87
	Customer Service Representative, Utilities	145	3.74
	Industrial Truck And Tractor Operators	140	3.61
	Central Office Operators	135	3.48
	Production, Planning, Expediting Clerks	100	2.58
	Electric Powerline Installers And Repairers	100	2.58
Wholesale & Retail Trade			
o	Motor Vehicles And Automotive Parts And Supplies	1210	100.00
	Salespersons, Parts	190	15.70
	All Other Clerical And Administrative Support Workers	150	12.40
	Truck Drivers, Light - Including Delivery And Route Drivers	115	9.50
	General Managers And Top Executives	105	8.68
	All Other Sales And Related Workers	95	7.85
	Precision Production Occupations	95	7.85
	Order Fillers, Wholesale And Retail Sales	80	6.61
o	Lumber And Other Construction Materials	1460	100.00
	Truck Drivers, Heavy	225	15.41
	All Other Clerical And Administrative Support Workers	160	10.96
	Sales Reps, Exc Scientific And Related Products Or Services	155	10.62
	All Other Sales And Related Workers	115	7.88
	Helpers, Laborers And Related	110	7.53
	General Managers And Top Executives	105	7.19
	Precision Production Occupations	95	6.51
o	Electrical Goods	4085	100.00
	Sales Reps, Scientific And Related Products And Services	445	10.89
	General Managers And Top Executives	290	7.10
	Sales Reps, Exc Scientific And Related Products Or Services	290	7.10
	Mechanics, Installers And Repairers	220	5.39
	Secretaries, Stenographers And Typists	215	5.26
	Salespersons, Retail Trade	210	5.14
	General Office Clerk	170	4.16
	Stock Clerks - Stockroom, Warehouse And Storage Yard	160	3.92
	Electrical, Electronic Engineering Technicians, Technologists	145	3.55
	First Line Supervisors And Manager/supervisors - Sales And Re	135	3.31
	First Line Supervisors - Clerical And Administrative Clerks	135	3.31
	All Other Clerical And Administrative Support Workers	130	3.18
	Bookkeeping, Accounting, Auditing Clerks	125	3.06
	All Other Professional, Paraprofessional And Technicians	115	2.81
	Salespersons, Parts	110	2.69
	Order Clerks - Materials, Merchandise And Service	100	2.45
	All Other Managers And Administrators	90	2.20
	Stock Clerks, Sales Floor	90	2.20
o	Hardware, And Plumbing And Heating Equipment And Supplies	1570	100.00
	Sales Reps, Exc Scientific And Related Products Or Services	245	15.61
	All Other Clerical And Administrative Support Workers	205	13.06
	General Managers And Top Executives	115	7.33
	General Office Clerk	105	6.69
	All Other Sales And Related Workers	90	5.73

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Employment	Percent Distribution
o	Machinery, Equipment And Supplies	8045	100.00
	Sales Reps, Scientific And Related Products And Services	1270	15.79
	Sales Reps, Exc Scientific And Related Products Or Services	755	9.39
	General Managers And Top Executives	470	5.84
	Secretaries, Stenographers And Typists	390	4.85
	First Line Supervisors And Manager/supervisors - Sales And Re	355	4.41
	Data Processing Equipment Repairers	280	3.48
	All Other Helpers, Laborers, Movers - Hand	270	3.36
	Electrical, Electronic Engineering Technicians, Technologists	230	2.86
	General Office Clerk	230	2.86
	Traffic, Shipping And Receiving Clerks	220	2.73
	Bookkeeping, Accounting, Auditing Clerks	210	2.61
	Salespersons, Retail Trade	190	2.36
	First Line Supervisors - Clerical And Administrative Clerks	180	2.24
	All Other Clerical And Administrative Support Workers	180	2.24
	All Other Mechanics, Installers And Repairers	170	2.11
	Order Clerks - Materials, Merchandise And Service	165	2.05
	Construction Trades, Extractive Occupations, Exc Mat Moving	160	1.99
	Computer Programmers	140	1.74
	Mobile Heavy Equipment Mechanics	140	1.74
	Salespersons, Parts	135	1.68
	Electrical And Electronic Engineers	120	1.49
	Truck Drivers, Heavy	120	1.49
	Stock Clerks - Stockroom, Warehouse And Storage Yard	110	1.37
o	All Other Wholesale Trade-durable Goods	1660	100.00
	Helpers, Laborers And Related	190	11.45
	Sales Reps, Exc Scientific And Related Products Or Services	135	8.13
	All Other Clerical And Administrative Support Workers	135	8.13
	General Office Clerk	125	7.53
	General Managers And Top Executives	120	7.23
	Carpet Installers	95	5.72
o	Paper And Paper Products	1380	100.00
	Sales Reps, Exc Scientific And Related Products Or Services	330	23.91
	All Other Clerical And Administrative Support Workers	140	10.14
	All Other Sales And Related Workers	105	7.61
	Order Clerks - Materials, Merchandise And Service	95	6.88
	All Other Managers And Administrators	80	5.80
	Order Fillers, Wholesale And Retail Sales	75	5.43
	Secretaries, Stenographers And Typists	65	4.71
o	Groceries And Related Supplies	4120	100.00
	Sales Reps, Exc Scientific And Related Products Or Services	355	8.62
	Truck Drivers, Light - Including Delivery And Route Drivers	355	8.62
	Hand Packers And Packagers	305	7.40
	All Other Food Service Workers	285	6.92
	All Other Helpers, Laborers, Movers - Hand	265	6.43
	Butchers And Meat Cutters	205	4.98
	General Managers And Top Executives	195	4.73
	Truck Drivers, Heavy	180	4.37
	All Other Clerical And Administrative Support Workers	150	3.64
	Salespersons, Retail Trade	140	3.40
	Bookkeeping, Accounting, Auditing Clerks	140	3.40
	General Office Clerk	140	3.40
	Stock Clerks - Stockroom, Warehouse And Storage Yard	130	3.16
	First Line Supervisors And Manager/supervisors - Sales And Re	125	3.03
	Traffic, Shipping And Receiving Clerks	105	2.55

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Percent Employment	Percent Distribution
o	All Other Wholesale Trade-nondurable Goods	4530	100.00
	Sales Reps, Exc Scientific And Related Products Or Services	410	9.05
	Truck Drivers, Heavy	345	7.62
	All Other Helpers, Laborers, Movers - Hand	330	7.29
	General Managers And Top Executives	290	6.40
	Truck Drivers, Light - Including Delivery And Route Drivers	255	5.63
	Salespersons, Retail Trade	235	5.19
	Order Fillers, Wholesale And Retail Sales	230	5.08
	General Office Clerk	210	4.64
	Traffic, Shipping And Receiving Clerks	210	4.64
	All Other Clerical And Administrative Support Workers	190	4.19
	Bookkeeping, Accounting, Auditing Clerks	180	3.97
	Order Clerks - Materials, Merchandise And Service	165	3.64
	First Line Supervisors - Clerical And Administrative Clerks	160	3.53
	Secretaries, Stenographers And Typists	150	3.31
	All Other Managers And Administrators	130	2.87
	All Other Office Machine Operators	105	2.32
	Heating, Air Conditioning, Refrigeration Mechs, Installers	95	2.10
o	Department Stores	5865	100.00
	Salespersons, Retail Trade	2340	39.90
	Cashiers	575	9.80
	Stock Clerks, Sales Floor	370	6.31
	All Other Clerical And Administrative Support Workers	365	6.22
	All Other Managers And Administrators	270	4.60
	First Line Supervisors And Manager/supervisors - Sales And Re	215	3.67
	All Other Professional, Paraprofessional And Technicians	210	3.58
	Adjustment Clerks	140	2.39
	General Managers And Top Executives	120	2.05
	All Other Sales And Related Workers	110	1.88
	General Office Clerk	100	1.70
	Stock Clerks - Stockroom, Warehouse And Storage Yard	100	1.70
o	Grocery Stores	9815	100.00
	Cashiers	3455	35.20
	Stock Clerks, Sales Floor	2435	24.81
	All Other Sales And Related Workers	640	6.52
	Salespersons, Retail Trade	515	5.25
	General Managers And Top Executives	390	3.97
	First Line Supervisors And Manager/supervisors - Sales And Re	320	3.26
	Butchers And Meat Cutters	305	3.11
	Stock Clerks - Stockroom, Warehouse And Storage Yard	270	2.75
	Bookkeeping, Accounting, Auditing Clerks	200	2.04
	Dining Room, Counter And Cafe Attendants	195	1.99
	Hand Packers And Packagers	185	1.89
	Counter And Rental Clerks	180	1.83
	All Other Food Service Workers	170	1.73
	Janitors And Cleaners	100	1.02
o	Retail Bakeries	1830	100.00
	Salespersons, Retail Trade	655	35.79
	Bakers, Bread And Pastry	535	29.23
	Dining Room, Counter And Cafe Attendants	160	8.74
	General Managers And Top Executives	120	6.56

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Employment	Percent Distribution
	o Motor Vehicle Dealers (new And Used)	3095	100.00
	Salespersons, Retail Trade	665	21.49
	Automotive Mechanics	625	20.19
	Automotive Body And Related Repairers	195	6.30
	Salespersons, Parts	170	5.49
	First Line Supervisors - Mechanics And Repairers	145	4.69
	General Office Clerk	140	4.52
	General Managers And Top Executives	130	4.20
	Bookkeeping, Accounting, Auditing Clerks	125	4.04
	All Other Clerical And Administrative Support Workers	120	3.88
	All Other Helpers, Laborers, Movers - Hand	110	3.55
	First Line Supervisors - Clerical And Administrative Clerks	105	3.39
	Vehicle Washers And Equipment Cleaners	95	3.07
	o Gasoline Service Stations	1550	100.00
	Service Station Attendants	730	47.10
	Automotive Mechanics	245	15.81
	Cashiers	160	10.32
	o Furniture, Home Furnishings, Equip Stores, Exc Appliances	1580	100.00
	Salespersons, Retail Trade	540	34.18
	General Managers And Top Executives	145	9.18
	All Other Clerical And Administrative Support Workers	135	8.54
	General Office Clerk	125	7.91
	o Eating And Drinking Places	17505	100.00
	Waiters And Waitresses	4805	27.45
	All Other Food Service Workers	2265	12.94
	Cooks, Speciality Fast Food And Fast Food	1220	6.97
	Cashiers	1160	6.63
	Food Preparation Workers	1145	6.54
	Dining Room, Counter And Cafe Attendants	1130	6.46
	Cooks, Restaurant	1105	6.31
	Bartenders	1025	5.85
	General Managers And Top Executives	680	3.88
	Hosts And Hostesses	455	2.60
	Food Service And Lodging Managers	450	2.57
	First Line Supervisors - Service	340	1.94
	Driver/sales Workers	225	1.28
	o Drug Stores And Proprietary Stores	2360	100.00
	Cashiers	1095	46.40
	Pharmacists	330	13.98
	Salespersons, Retail Trade	300	12.71
	Stock Clerks, Sales Floor	230	9.75
	General Managers And Top Executives	115	4.87
	Pharmacy Assistants	105	4.45
Finance, Insurance & Real Estate	o Commercial And Stock Savings Banks	5720	100.00
	Tellers	1110	19.41
	All Other Clerical And Administrative Support Workers	785	13.72
	General Office Clerk	445	7.78
	Financial Managers	340	5.94
	Accountants And Auditors	335	5.86
	Loan Officers And Counselors	320	5.59
	First Line Supervisors - Clerical And Administrative Clerks	320	5.59

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Percent Employment	Distribution
	Secretaries, Stenographers And Typists	275	4.81
	New Accounts Clerks	235	4.11
	Bookkeeping, Accounting, Auditing Clerks	185	3.23
	All Other Financial Specialists	180	3.15
	General Managers And Top Executives	170	2.97
	All Other Managers And Administrators	170	2.97
	Loan And Credit Clerks	165	2.89
	Systems Analysts, Electronic Data Processing	110	1.92
o	Mutual Savings Banks	2015	100.00
	Tellers	990	49.13
	All Other Clerical And Administrative Support Workers	230	11.41
	First Line Supervisors - Clerical And Administrative Clerks	165	8.19
	New Accounts Clerks	150	7.44
	Janitors And Cleaners	135	6.70
	Financial Managers	95	4.72
	Loan And Credit Clerks	95	4.72
o	Savings And Loan Associations	1160	100.00
	Tellers	415	35.78
	All Other Clerical And Administrative Support Workers	170	14.66
	First Line Supervisors - Clerical And Administrative Clerks	90	7.76
	Financial Managers	75	6.47
	Loan And Credit Clerks	75	6.47
	Statement Clerks	70	6.03
	New Accounts Clerks	60	5.17
o	All Other Credit Agencies Other Than Banks	1310	100.00
	Tellers	245	18.70
	All Other Clerical And Administrative Support Workers	165	12.60
	Loan Officers And Counselors	125	9.54
	Loan And Credit Clerks	115	8.78
	Bookkeeping, Accounting, Auditing Clerks	105	8.02
	First Line Supervisors - Clerical And Administrative Clerks	95	7.25
o	Accident And Health Insurance And Medical Service Plans	1045	100.00
	All Other Clerical And Administrative Support Workers	460	44.02
	General Office Clerk	80	7.66
	Managerial And Administrative Occupations	70	6.70
	Management Support Occupations	65	6.22
o	All Other Insurance Carriers	1125	100.00
	Sales Agents And Placers, Insurance	270	24.00
	All Other Clerical And Administrative Support Workers	195	17.33
	Adjusters, Examiners, Investigators	85	7.55
	General Office Clerk	85	7.56
	First Line Supervisors - Clerical And Administrative Clerks	80	7.11
o	Insurance Agents, Brokers And Service	1785	100.00
	All Other Clerical And Administrative Support Workers	260	14.57
	Insurance Policy Processing Clerks	235	13.17
	Underwriters	200	11.21
	Sales Agents And Placers, Insurance	185	10.37
	Secretaries, Stenographers And Typists	180	10.08
	General Managers And Top Executives	145	8.12
	General Office Clerk	140	7.84
	All Other Professional, Paraprofessional And Technicians	120	6.72

Table C:
Metro North
Employment in
Selected Industries
by Occupation

Service Industries		Employment	Percent
			Distribution
	o Real Estate Agents And Managers	1740	100.00
	Maintenance Repairers, General Utility	325	18.68
	Janitors And Cleaners	200	11.49
	Guards And Watch Guards	150	8.62
	Property And Real Estate Managers And Administrators	135	7.76
	All Other Managers And Administrators	100	5.75
	General Managers And Top Executives	95	5.46
	o All Other Finance, Insurance And Real Estate	1445	100.00
	Secretaries, Stenographers And Typists	155	10.73
	All Other Clerical And Administrative Support Workers	155	10.73
	Maintenance Repairers, General Utility	115	7.96
	Property And Real Estate Managers And Administrators	105	7.27
	General Managers And Top Executives	105	7.27
	Gardners And Groundskeepers, Except Farm	95	6.57
	o Hotels, Motels And Tourist Courts	3290	100.00
	Janitors And Cleaners, Including Housekeepers And Maids	765	23.25
	Waiters And Waitresses	320	9.73
	Hotel Desk Clerks	310	9.42
	All Other Food Service Workers	240	7.30
	Secretaries, Stenographers And Typists	210	6.38
	Food Preparation Workers	205	6.23
	Cooks, Restaurant	175	5.32
	Recreation Workers	165	5.02
	Bartenders	150	4.56
	Maintenance Repairers, General Utility	130	3.95
	Bookkeeping, Accounting, Auditing Clerks	95	2.89
	o Laundry, Cleaning And Garment Services	1870	100.00
	Counter And Rental Clerks	275	14.71
	Cashiers	265	14.17
	Machine Feeders And Offbearers	175	9.36
	Laundry And Drycleaning Machine Operators	145	7.75
	All Other Helpers, Laborers, Movers - Hand	135	7.22
	Driver/sales Workers	130	6.95
	Clerical And Administrative Support Occupations	120	6.42
	o Services To Dwellings And Other Buildings	5820	100.00
	Janitors And Cleaners	4500	77.32
	Janitors And Cleaners, Including Housekeepers And Maids	600	10.31
	General Managers And Top Executives	165	2.84
	Maintenance Repairers, General Utility	140	2.40
	First Line Supervisors - Service	115	1.98
	Secretaries, Stenographers And Typists	105	1.80
	All Other Clerical And Administrative Support Workers	70	1.20
	o Personnel Supply Services	6865	100.00
	Home Health Aides	695	10.12
	Bookkeeping, Accounting, Auditing Clerks	590	8.59
	Typists And Word Processors	520	7.58
	Secretaries, Stenographers And Typists	500	7.28
	Nurse Aides, Orderlies And Attendants	480	6.99
	Registered Nurses	450	6.56
	Licensed Practical Nurses	435	6.34

Table C:
Metro North
Employment in
Selected Industries
by Occupation

	Percent Employment	Distribution
General Office Clerk	325	4.73
Stock Clerks - Stockroom, Warehouse And Storage Yard	315	4.59
All Other Clerical And Administrative Support Workers	240	3.50
Employment Interviewers	220	3.21
Helpers, Laborers And Related	190	2.77
Computer Programmers	180	2.62
Data Entry Keyers, Except Composing	165	2.40
Hand Packers And Packagers	165	2.40
Receptionists And Information Clerks	160	2.33
Drafters	155	2.26
All Other Professional, Paraprofessional And Technicians	150	2.18
Janitors And Cleaners, Including Housekeepers And Maids	125	1.82
File Clerks	120	1.75
Data Entry Keyers, Composing	100	1.46
o Computer And Data Processing Services	9655	100.00
Electrical And Electronic Engineers	1560	16.16
Systems Analysts, Electronic Data Processing	795	8.23
Computer Programmers	775	8.03
Sales Reps, Scientific And Related Products And Services	595	6.16
Secretaries, Stenographers And Typists	540	5.59
General Managers And Top Executives	510	5.28
Engineering, Mathematical And Natural Science Managers	445	4.61
Marketing, Advertising And Related Managers	375	3.88
Data Entry Keyers, Except Composing	280	2.90
Data Processing Equipment Repairers	265	2.74
Computer Operators, Except Peripheral Equipment	245	2.54
Electrical, Electronic Engineering Technicians, Technologists	240	2.49
All Other Professional, Paraprofessional And Technicians	240	2.49
All Other Managers And Administrators	215	2.23
Typists And Word Processors	215	2.23
All Other Clerical And Administrative Support Workers	190	1.97
Mechanical Engineers	185	1.92
Machine Setters, Set-up Operators, Operators And Tenders	185	1.92
All Other Management Support Workers	160	1.66
Sales Engineers	150	1.55
Writers And Editors, Including Technical Writers	145	1.50
Sales Occupations, Services	145	1.50
Economists, Including Market Research Analysts	120	1.24
All Other Engineers	90	0.93
Traffic, Shipping And Receiving Clerks	90	0.93
o Miscellaneous Business Services	16840	100.00
Guards And Watch Guards	4565	27.11
All Other Engineers	855	5.08
General Managers And Top Executives	820	4.87
Secretaries, Stenographers And Typists	805	4.78
Counter And Rental Clerks	705	4.19
Interview Clerks, Except Personnel And Welfare	700	4.16
All Other Physical Scientists	560	3.33
Data Entry Keyers, Except Composing	535	3.18
First Line Supervisors - Clerical And Administrative Clerks	410	2.44
All Other Management Support Workers	390	2.32
All Other Office Machine Operators	375	2.23
Electrical And Electronic Engineers	370	2.20
Financial Managers	305	1.81
All Other Managers And Administrators	305	1.81
Chemists, Except Biochemists	235	1.39
Photographic Process Machine Operators	235	1.39
Public Relations Specialists And Publicity Writers	230	1.37

Table C:
Metro North
Employment in
Selected Industries
by Occupation

	Employment	Percent Distribution
Computer Programmers	225	1.34
Bill And Account Collectors	220	1.31
Messengers	210	1.25
Bookkeeping, Accounting, Auditing Clerks	185	1.10
Engineering, Mathematical And Natural Science Managers	180	1.07
All Other Clerical And Administrative Support Workers	180	1.07
Personnel, Training And Labor Relations Specialists	175	1.04
Systems Analysts, Electronic Data Processing	165	0.98
First Line Supervisors And Manager/supervisors - Sales And Re	165	0.98
Sales Agents, Advertising	160	0.95
Interior Designers	150	0.89
Operations And Systems Researchers	145	0.86
General Office Clerk	140	0.83
All Other Professional, Paraprofessional And Technicians	135	0.80
Marketing, Advertising And Related Managers	125	0.74
All Other Engineering Technicians And Technologists	115	0.68
Receptionists And Information Clerks	105	0.62
Accountants And Auditors	100	0.59
Writers And Editors, Including Technical Writers	100	0.59
Maintenance Repairers, General Utility	100	0.59
Truck Drivers, Light - Including Delivery And Route Drivers	100	0.59
o Automotive Repair Shops	2005	100.00
Automotive Mechanics	775	38.65
Automotive Body And Related Repairers	415	20.70
First Line Supervisors - Mechanics And Repairers	205	10.22
Truck Drivers, Light - Including Delivery And Route Drivers	160	7.98
Salespersons, Parts	145	7.23
o Amusement And Recreation Services	1445	100.00
Cashiers	240	16.61
All Other Food Service Workers	155	10.73
All Other Professional, Paraprofessional And Technicians	150	10.38
Gardners And Groundskeepers, Except Farm	90	6.23
o Office Of Physicians	2015	100.00
Radiologic Technicians	345	17.12
Physicians And Surgeons	240	11.91
Medical Secretaries	240	11.91
Registered Nurses	215	10.67
Receptionists And Information Clerks	135	6.70
All Other Clerical And Administrative Support Workers	125	6.20
o Office Of Dentists	1725	100.00
Dental Assistants	475	27.53
Dentists	435	25.22
Dental Hygienists	245	14.20
Medical Secretaries	230	13.33
Receptionists And Information Clerks	115	6.67
Financial Managers	75	4.35
General Managers And Top Executives	75	4.35
All Other Clerical And Administrative Support Workers	75	4.35
o Nursing And Personal Care Facilities	4430	100.00
Nurse Aides, Orderlies And Attendants	1630	36.79
Licensed Practical Nurses	485	10.95
Food Preparation Workers	295	6.66

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Percent Employment	Distribution
	Janitors And Cleaners, Including Housekeepers And Maids	290	6.55
	Registered Nurses	275	6.21
	Managerial And Administrative Occupations	145	3.27
	Cooks, Institution Or Cafe	145	3.27
	Laundry And Drycleaning Machine Operators	135	3.05
	Waiters And Waitresses	125	2.82
	Home Health Aides	125	2.82
	All Other Health Professionals And Others	115	2.60
	Janitors And Cleaners	110	2.48
o	Hospitals	17370	100.00
	Registered Nurses	3770	21.70
	Nurse Aides, Orderlies And Attendants	1315	7.57
	Medical And Clinical Laboratory Technologists And Technicians	655	3.77
	Licensed Practical Nurses	635	3.66
	Physicians And Surgeons	615	3.54
	Janitors And Cleaners, Including Housekeepers And Maids	560	3.22
	Secretaries	555	3.20
	All Other Food Service Workers	460	2.65
	Radiologic Technicians	395	2.27
	Psychiatric Aides	350	2.01
	All Other Health Professionals And Others	320	1.84
	All Other Clerical And Administrative Support Workers	320	1.84
	Social Workers, Medical And Non-medical	300	1.73
	Janitors And Cleaners	295	1.70
	All Other Managers And Administrators	280	1.61
	Food Preparation Workers	280	1.61
	General Office Clerk	265	1.53
	Physical Therapists	255	1.47
	All Other Health Servicers	255	1.47
	Waiters And Waitresses	250	1.44
	Medical And Health Service Managers	230	1.32
	All Other Professional, Paraprofessional And Technicians	220	1.27
	Switchboard Operator	215	1.24
	Medical Secretaries	210	1.21
	Receptionists And Information Clerks	200	1.15
	Medical Records Technicians	180	1.04
	Billing, Cost And Rate Clerks	180	1.04
	Typists And Word Processors	175	1.01
o	Legal Services	1015	100.00
	Legal Secretaries	315	31.03
	Lawyers	255	25.12
	Paralegal Personnel	140	13.79
	All Other Clerical And Administrative Support Workers	105	10.35
	Accountants And Auditors	55	5.42
	Secretaries	55	5.42
o	Elementary And Secondary Schools	14100	100.00
	Teachers, Secondary School	2700	19.15
	Teachers, Elementary	2425	17.20
	Teachers, Special Education	1015	7.20
	College And University Faculty	815	5.78
	Janitors And Cleaners	795	5.64
	Teacher Aides, Paraprofessional	785	5.57
	Education Administrators	580	4.11
	Food Preparation Workers	405	2.87
	All Other Food Service Workers	340	2.41
	Teacher Aides And Education Assistants	320	2.27

Table C:
Metro North
Employment in
Selected Industries
by Occupation

	Employment	Percent Distribution
All Other Teachers And Related Workers	310	2.20
Secretaries, Stenographers And Typists	310	2.20
Instructors And Coaches, Sports	305	2.16
Teachers, Preschool And Kindergarten	270	1.92
Athletes, Coaches, Umpires And Related	270	1.92
Vocational And Educational Counselors	220	1.56
General Office Clerk	205	1.45
Teachers And Instructors, Vocational Education	190	1.35
All Other Professional, Paraprofessional And Technicians	190	1.35
All Other Clerical And Administrative Support Workers	190	1.35
All Other Health Professionals And Others	155	1.10
Crossing Guards	130	0.92
Cooks, Institution Or Cafe	130	0.92
Precision Production Occupations	100	0.71
o Colleges, Universities, Professional Schools, Junior Colleges	22645	100.00
All Other Clerical And Administrative Support Workers	3140	13.87
College And University Faculty	3035	13.40
All Other Managers And Administrators	2490	11.00
Secretaries, Stenographers And Typists	1915	8.46
Teacher Aides, Paraprofessional	1045	4.62
Janitors And Cleaners	880	3.89
Engineers	865	3.82
Physical Scientists	805	3.56
Life Scientists	705	3.11
Education Administrators	625	2.76
Engineering And Related Technicians And Technologists	470	2.08
Library Assistants And Bookmobile Drivers	385	1.70
Precision Production Occupations	375	1.66
Librarians, Professional	305	1.35
First Line Supervisors - Clerical And Administrative Clerks	300	1.33
Systems Analysts, Electronic Data Processing	295	1.30
Health Practitioners, Technologists, Technicians And Related	295	1.30
Computer Programmers	250	1.10
All Other Construction And Extractive Occupations	250	1.10
All Other Management Support Workers	245	1.08
o Individual And Family Social Services	3435	100.00
Social Workers, Medical And Non-medical	815	23.73
All Other Managers And Administrators	285	8.30
Social Welfare Service Aides	265	7.72
General Managers And Top Executives	215	6.26
Social Service Technicians	200	5.82
Secretaries, Stenographers And Typists	190	5.53
All Other Clerical And Administrative Support Workers	185	5.39
Typists And Word Processors	155	4.51
First Line Supervisors - Service	135	3.93
Bookkeeping, Accounting, Auditing Clerks	130	3.78
Registered Nurses	115	3.35
Child Care Workers	100	2.91
o Child Day Care Services	1030	100.00
Teachers, Preschool And Kindergarten	405	39.32
Teacher Aides And Education Assistants	125	12.14
All Other Teachers And Related Workers	110	10.68
Child Care Workers	110	10.68

Table C:
Metro North
Employment in
Selected Industries
by Occupation

		Employment	Percent Distribution
	o Civic, Social, And Fraternal Associations	1195	100.00
	All Other Clerical And Administrative Support Workers	160	13.39
	Instructors And Coaches, Sports	150	12.55
	Recreation Workers	130	10.88
	All Other Teachers And Related Workers	120	10.04
	Managerial And Administrative Occupations	115	9.62
	All Other Service Workers	80	6.70
	o Engineering, Architectural And Surveying Services	6065	100.00
	All Other Engineering Technicians And Technologists	1215	20.03
	Civil Engineers, Including Traffic Engineers	1100	18.14
	Drafters	735	12.12
	Architects, Except Landscape And Marine	470	7.75
	All Other Engineers	465	7.67
	Secretaries, Stenographers And Typists	340	5.61
	Physical Scientists	245	4.04
	Typists And Word Processors	220	3.63
	Interior Designers	200	3.30
	General Managers And Top Executives	190	3.13
	Engineering, Mathematical And Natural Science Managers	185	3.05
	Civil Engineering Technicians And Technologists	160	2.64
	All Other Managers And Administrators	100	1.65
	o Noncommercial Educational, Scientific, Research Organizations	3165	100.00
	Medical Scientists	515	16.27
	General Managers And Top Executives	425	13.43
	Secretaries, Stenographers And Typists	410	12.96
	Financial Managers	215	6.79
	File Clerks	215	6.79
	All Other Managers And Administrators	195	6.16
	Systems Analysts, Electronic Data Processing	195	6.16
	Health Practitioners, Technologists, Technicians And Related	195	6.16
	Receptionists And Information Clerks	155	4.90
	First Line Supervisors - Clerical And Administrative Clerks	90	2.84
	Service Occupations	90	2.84
	o Accounting, Auditing And Bookkeeping Services	1215	100.00
	Accountants And Auditors	570	46.92
	All Other Financial Specialists	185	15.23
	All Other Clerical And Administrative Support Workers	165	13.58
	Secretaries, Stenographers And Typists	105	8.64
Government	o State Government, Except Education And Hospitals	1695	100.00
	Helpers, Laborers And Related	510	30.09
	Cashiers	225	13.27
	Service Occupations	210	12.39
	Computer Operators, Except Peripheral Equipment	155	9.15
	All Other Clerical And Administrative Support Workers	120	7.08
	All Other Transportation Workers	110	6.49
	o Local Government, Except Education And Hospitals	10170	100.00
	Fire Fighters	990	9.74
	Police Detectives And Investigators	830	8.16
	Maintenance Repairers, General Utility	830	8.16
	Administrative Service Managers	720	7.08
	General Office Clerk	475	4.67

Table C:
Metro North
Employment in
Selected Industries
by Occupation

	Employment	Percent Distribution
Helpers, Laborers And Related	475	4.67
Highway Maintenance Workers	410	4.03
Secretaries, Stenographers And Typists	395	3.88
Pub Admin Chief Executives, Legislators, Genral Administrators	330	3.25
Assessors	300	2.95
Bookkeeping, Accounting, Auditing Clerks	265	2.61
Cleaning, Building Service Occupations, Exc Private Househlds	195	1.92
All Other Professional, Paraprofessional And Technicians	190	1.87
Water And Liquid Waste Treatment Plant And System Operators	185	1.82
Fire Fighting And Prevention Supervisors	180	1.77
Financial Managers	170	1.67
Construction And Building Inspectors	170	1.67
Municipal Clerks	165	1.62
Library Assistants And Bookmobile Drivers	150	1.47
All Other Clerical And Administrative Support Workers	150	1.47
Emergency Medical Technicians	140	1.38
Painters, Paperhanglers, Construction And Maintenance	130	1.28
Dispatchers - Police, Fire, Ambulance	125	1.23
Librarians, Professional	120	1.18
Technical Assistants, Library	120	1.18
Crossing Guards	110	1.08
Recreation Workers	105	1.03

Notes About the Data

Employment surveys frequently differ in concept and definition and thus make understanding and interpreting the data more difficult. Therefore, it is important to know how data are obtained in order to know how best to use them. The industry and occupational employment data presented in these SDA reports count jobs and are collected from surveys of Massachusetts establishments. Individuals who hold more than one job are counted at each place they work. This section presents more detail explanations of the data published in the tables.

Industry Employment Data

Industry employment data presented in Tables 2, 3, and C, and the top ten industries in Section II are derived from the Employment and Wage Program. Industries covered in this program are defined in terms of the Standard Industrial Classification (SIC) system. The SIC separates establishments' economic activities into broad sectors (manufacturing, construction, retail trade, services, etc.). Each sector is further divided into major groups (2 digit SIC), then into industry groups (3 digit SIC) and finally into industries (4 digit SIC). Revisions to the SIC are made periodically to reflect the economy's changing industrial structure. In 1987, the SIC was revised, taking into account technological changes; institutional changes

such as deregulation in the banking, communications, and transportation industries; and the tremendous expansion in the service sector that occurred since 1972.

Some of the industry employment tables presented in these SDA reports are based on the old 1972 SIC, while others are based on the 1987 SIC revision. Industry employment data in Table 3 and the top ten industries are based on 1989 data and the 1987 SIC revision. Data from 1984 to 1989, showing the average annual employment change, net change and percent change in Table 2 are based on both the 1972 SIC and 1977 supplement, and the 1987 SIC revision. Data from 1984-1987 and 1988-1989 are based on different SICs and therefore, are not strictly comparable. However, since there were no changes to the SIC at the sector level, these measures of the SDA's industry employment change present no significant comparability problems.

Table C, presenting detailed industry employment by occupation, is derived from the Occupational Employment Statistics Survey. Industry employment is based on 1987 data and the 1972 SIC and the 1977 supplement. Staffing patterns presented in Table C are published for approximately 25 industries with a thousand or more workers.

Industry staffing patterns are presented for 2 and 3 digit industries, and major groupings of industries such as durable and nondurable goods industries. Industry staffing patterns that could violate employer confidentiality are collapsed into residual industries within the sector. As a result not all residual industries are strictly comparable across all SDAs.

Occupational Employment Data

Occupational employment estimates presented in these SDA reports are derived from data collected by the Occupational Employment Statistic (OES) program. OES data are obtained from surveys of employment by occupation for over 300 industries. Employers include both part-time and full-time workers for the payroll periods on the 12th of April, May, and June.

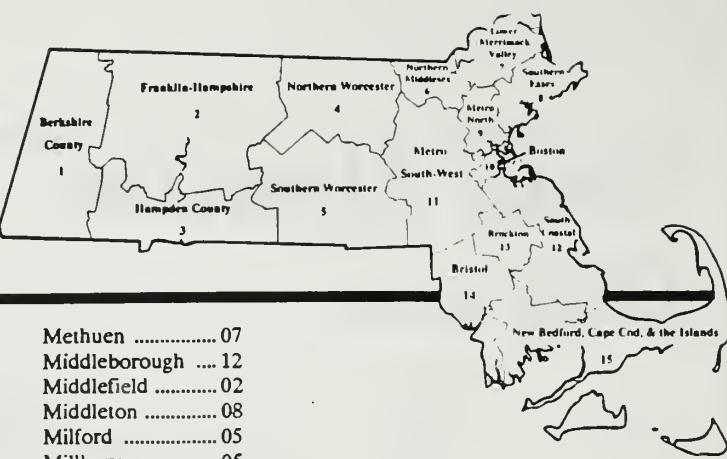
The classification systems used in this survey were the Standard Occupational Classification (SOC) system and the 1972 SIC. The SOC was used to develop the definitions of the occupations included and the 1972 SIC was used to define the industries.

Occupational data in these SDA reports are not strictly comparable to those published in the Current Population Survey (CPS), a monthly survey of approximately 59,500 individuals conducted by the U.S. Bureau of the Census. Primarily because of the two surveys' differences in concepts and classification systems (for example, the CPS counts individuals whereas the OES survey is a count of jobs, therefore, individuals who hold more than one job are counted differently in the two surveys,) employment comparisons should not be made between the two.

Comparisons can be made for large occupations among the SDAs and between individual SDAs and the state. In general, however, it is important to remember that the occupational estimates published in this report are intended to be used as a guide to local job markets, and should not be viewed as precise estimates.

Appendix

Cities & Towns In Massachusetts Service Delivery Areas



A	Clarksburg	01	Hampden	03	Methuen	07	Provincetown	15	Tisbury	15
Abington	13	Clinton	04	Hancock	01	Middleborough	12	Tolland	03	
Acton	11	Cohasset	12	Hanover	12	Middlefield	02	Topsfield	08	
Acushnet	15	Colrain	02	Hanson	13	Middleton	08	Townsend	04	
Adams	01	Concord	11	Hardwick	05	Milford	05	Truro	15	
Agawam	03	Conway	02	Harvard	04	Millbury	05	Tyngsborough	06	
Alford	01	Cummington	02	Harwich	15	Millis	11	Tyringham	01	
Amesbury	07	D		Hatsfield	02	Millville	05	Rehoboth	14	
Amherst	02	Dalton	01	Haverhill	07	Milton	12	Revere	09	
Andover	07	Danvers	08	Hawley	02	Monroe	02	R		
Arlington	09	Dartmouth	15	Heath	02	Monson	03	Quincy	12	
Ashburnham	04	Dedham	11	Hingham	12	Montague	02	Randolph	12	
Ashby	04	Deerfield	02	Hinsdale	01	Monterey	01	Raynham	14	
Ashfield	02	Dennis	15	Holbrook	12	Montgomery	03	Reading	09	
Ashland	11	Dighton	14	Holden	05	Mt. Washington	01	Tisbury	15	
Athol	02	Douglas	05	Holland	03	N				
Attleboro	14	Dover	11	Holliston	11	Nahant	08	Richmond	01	
Auburn	05	Dracut	06	Holyoke	03	Nantucket	15	Rochester	15	
Avon	13	Dudley	05	Hopedale	05	Natick	11	Rockland	12	
Ayer	04	Dunstable	06	Hopkinton	11	Needham	11	Rockport	08	
B	Duxbury	12	Hubbardston	04	New Ashford	01	New Bedford	15	Rowe	02
Barnstable	15	E		Hudson	11	New Braintree	05	Rowley	07	
Barre	04	East Bridgewater ..	13	Hull	12	New Marlborough ..	01	Royalston	02	
Becket	01	East Brookfield ...	05	Huntington	02	New Salem	02	Russell	03	
Bedford	11	East Longmeadow	03	I & K		Newbury	07	Rutland	05	
Belchertown	02	Eastham	15	Ipswich	08	Newburyport	07	S		
Bellingham	11	Easthampton	02	Kingston	12	Newton	11	Salem	08	
Belmont	09	Easton	13	L		Norfolk	11	Salisbury	07	
Berkley	14	Edgartown	15	Lakeville	15	North Adams	01	Sandisfield	01	
Berlin.....	04	Egremont	01	Lancaster	04	North Andover	07	Sandwich	15	
Bernardston	02	Erving	02	Lanesborough	01	North Brookfield ..	05	Saugus	08	
Beverly	08	Essex	08	Lawrence	07	North Reading	09	Scituate	12	
Billerica	06	Everett	09	Lee	01	Seekonk	14	Seekonk	14	
Blackstone	05	F		Leicester	05	Northampton	02	Sharon	11	
Blandford	03	Fairhaven	15	Lenox	01	Northborough	05	Sheffield	01	
Bolton	04	Fall River	14	Leominster	04	Northbridge	05	W. Boylston	05	
Bourne	15	Falmouth	15	Leverett	02	Northfield	02	W. Bridgewater ..	13	
Boxborough	11	Fitchburg	04	Lexington	11	Norton	14	W. Brookfield	05	
Boxford	07	Florida	01	Leydon	02	Norwell	12	W. Newbury	07	
Boylston	05	Foxborough	11	Lincoln	11	Norwood	11	Shrewsbury	05	
Braintree	12	Framingham	11	Littleton	11	O				
Brewster	15	Franklin	11	Longmeadow	03	Oak Bluffs	15	South Hadley	02	
Bridgewater	13	Freetown	15	Lowell	06	Oakham	05	Southampton	02	
Brimfield	03	G		Ludlow	03	Orange	02	Southborough	11	
Brockton	13	Gardner	04	Lunenburg	04	Orleans	15	Southbridge	05	
Brookfield	05	Gay Head	15	Lynn	08	Otis	01	Southwick	03	
Brookline	11	Georgetown	07	Lynnfield	08	Oxford	05	Spencer	05	
Buckland	02	H		M		P				
Burlington	09	Gill	02	Malden	09	Palmer	03	Sterling	04	
C	Gloucester	08	Goshen	02	Mansfield	14	Paxton	05	Stockbridge	01
Cambridge	09	Great Barrington ..	01	Marblehead	08	Peabody	08	Stoneham	09	
Canton	11	Greenfield	02	Marion	15	Pelham	02	Stoughton	13	
Carlisle	11	Grafton	05	Marlborough	11	Pembroke	12	Stow	11	
Carver	12	Granby	02	Marshfield	12	Pepperell	04	Sturbridge	05	
Charlemont	02	Granville	03	Mashpee	15	Peru	01	Sudbury	11	
Charlton	05	Great Barrington ..	01	Mattapoisett	15	Sunderland	02	Weymouth	12	
Chatham	15	Greenfield	02	Maynard	11	Petersham	02	Whately	02	
Chelmsford	06	Groton	04	Medfield	11	Phillipston	02	Stockbridge	01	
Chelsea	09	Groveland	07	Medford	09	Pittsfield	01	Stoneham	09	
Cheshire	01	H		Plainfield	02	Plainville	11	Stow	11	
Chester	03	Hadley	02	Melrose	09	Plymouth	12	Sturbridge	05	
Chesterfield	02	Halifax	12	Mendon	05	Plympton	12	T		
Chicopee	03	Hamilton	08	Merrimac	07	Princeton	04	Taunton	14	
Chilmark	15							Templeton	04	

